

Converting Colors

HunterLab(33.9424, -1.4548,
-0.7501)

Have a look what the booklet for
HunterLab(33.9424, -1.4548,
-0.7501) contains.

HunterLab(33.8396, -1.4308, -0.7449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.8396, -1.4308,
-0.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5F65
RGB	93, 95, 101
RGB Percent	36%, 37%, 40%
CMY	0.6353, 0.6274, 0.6039
CMYK	0.08, 0.06, 0.00, 0.60
HSL	225°, 4%, 38%
HSV	225°, 8%, 40%
XYZ	10.9554, 11.4512, 13.9448
YIQ	95.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

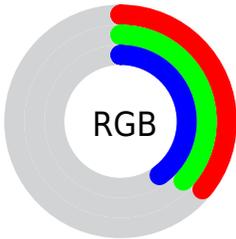
Format	Color
R_{YB}	93, 95, 101
Decimal	6119269
CIE Lab	40.33, 0.53, -3.69
CIE LCh	40, 3.728, 278.154
Yxy	11.4517, 0.3014, 0.3150
Android (android.graphics.Color)	4284309349 (0xFF5D5F65)
YUV	95.0860, 2.9156, -1.8294
Hunter-Lab	33.8396, -1.4308, -0.7449

Details

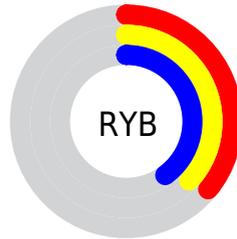
The HunterLab color $[33.8396, -1.4308, -0.7449]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[35.3280, -2.1797, 4.3503]$, and the grayscale version is $[33.8513, -1.8062, 1.8392]$.

A 20% lighter version of the original color is $[53.2517, -2.2821, -0.3007]$, and $[17.5137, -0.7206, -1.0357]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.0809, -0.6902, -4.3469]$, and if you desaturate by 10%, it is $[36.6680, -2.0423, 2.6509]$.

Distribution



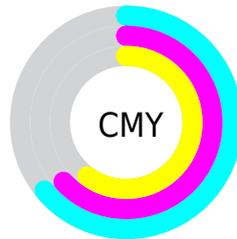
- Red (36%)
- Green (37%)
- Blue (40%)



- Red (36%)
- Yellow (37%)
- Blue (40%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8396, -1.4308, -0.7449 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 33.8396, -1.4308, -0.7449 by changing the saturation by 10% instead.

■ 33.8396, -1.4308,
-0.7449

■ 33.8396, -1.4308,
-0.7449

■ 141.6830, -6.9623,
3.6391

■ 25.2418, -1.0071,
-0.9906

■ 53.3783, -2.4136,
-0.0756

■ 17.5279, -0.6339,
-1.1662

■ 64.2042, -2.9642,
0.3346

■ 10.8147, -0.3200,
-1.2562

■ 75.6767, -3.5508,
0.7895

■ 1.9143, 1.1015,
-7.8875

■ 87.7613, -4.1715,
1.2860

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4283, -4.8244,
1.8213

0.0000, NaN, NaN

■ 113.6522, -5.5080,

0.0000, NaN, NaN

127.4104, -6.2210,
2.9997

■ 33.8396, -1.4308,
-0.7449

■ 33.8396, -1.4308,
-0.7449

■ 31.0809, -0.6902,
-4.3469

■ 36.6680, -2.0423,
2.6509

■ 28.3982, 0.2092,
-8.2029

■ 39.5572, -2.5445,
5.8764

■ 25.8029, 1.3017,
-12.3684

■ 42.5021, -2.9558,
8.9626

■ 23.3089, 2.6302,
-16.9091

■ 45.4983, -3.2903,
11.9340

■ 20.9338, 4.2467,
-21.8976

■ 48.5419, -3.5592,
14.8107

■ 18.7007, 6.2102,
-27.4033

■ 51.6296, -3.7718,
17.6089

■ 16.6398, 8.5777,
-33.4664

■ 54.7585, -3.9358,
20.3420

■ 14.7893, 11.3827,
-40.0466

■ 57.9262, -4.0572,
23.0208

■ 13.1524, 14.4905,
-47.1439

■ 61.1306, -4.1414,
25.6545

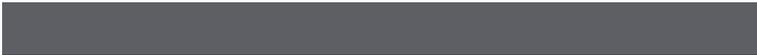
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.8403, -2.7860, -0.5774



33.8396, -1.4308, -0.7449



33.8403, -0.1580, -0.1967

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.8403, -1.4315, -0.7443



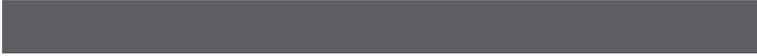
33.8403, 0.2975, 3.3597



33.8403, -4.2275, 2.7649

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



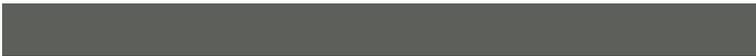
33.8396, -1.4308, -0.7449



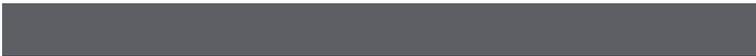
35.3280, -2.1797, 4.3503

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.8403, -3.4259, 3.7613



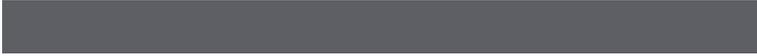
33.8396, -1.4308, -0.7449



33.8403, -0.8176, 4.0951

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.8403, -1.4315, -0.7443



33.8403, 0.8506, 2.1969



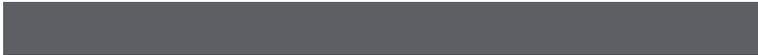
33.8403, -2.1817, 4.2391



33.8403, -4.3859, 1.4832

Rectangle

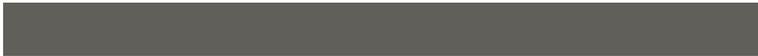
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



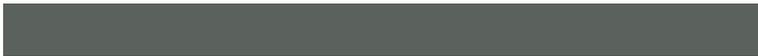
33.8396, -1.4308, -0.7449



33.8403, 0.4687, 0.4874



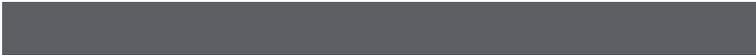
33.8403, -2.1817, 4.2391



33.8403, -4.0250, 3.1428

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.8403, -1.4315, -0.7443



46.5016, -2.3637, 1.6632



35.4021, -4.4040, 2.0235



23.0990, -1.1793, 0.8636



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

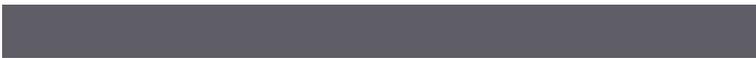
The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.8403, -1.4315, -0.7443



43.4775, -1.6631, -2.0624



33.4579, -0.0308, -1.2020



16.9253, -0.6874, -0.5541



14.4795, 17.9608, -56.8703



31.1793, 46.8388, -140.0831

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.7963, 0.7875, 1.8446



43.4122, 2.1044, 2.3889



35.7184, -3.5884, 4.7562



16.9016, 0.5739, 0.9254



19.2748, 33.4615, 8.9451



43.8796, 75.9034, 22.4766

Previews

White Background



This preview shows how the HunterLab color 33.8396, -1.4308, -0.7449 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.8396, -1.4308, -0.7449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

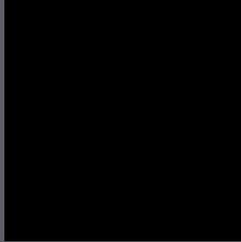
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.8396, -1.4308, -0.7449 Background



This preview shows how black text looks on a background with the HunterLab color 33.8396, -1.4308, -0.7449.



This preview shows how white text looks on a background with the HunterLab color 33.8396, -1.4308, -0.7449.

-0.7449.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.8396, -1.4308, -0.7449

Protanopia

33.7311, -0.4435, -0.8638

Deuteranopia

33.7347, 2.3022, -1.2654



Tritanopia

33.8687, -1.2716, -1.1580

Trichromacy

**Original Color**

33.8396, -1.4308, -0.7449

Protanomaly

33.6522, -0.7154, -0.9680

Deuteranomaly

33.7412, 0.9955, -1.2801

Tritanomaly

33.8687, -1.2716, -1.1580

Monochromacy

**Original Color**

33.8396, -1.4308, -0.7449

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.8041, -1.7802, 0.9631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8396, -1.4308, -0.7449 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(93, 95, 101)` looks like.

```
.text, #text, p{  
    color:rgb(93, 95, 101)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(93, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 95, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8396, -1.4308, -0.7449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 95, 101) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(93, 95, 101) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(93, 95, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(93, 95,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8396, -1.4308, -0.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 95, 101) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(93, 95,  
101) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor