

Converting Colors

HunterLab(33.5377, -4.1364,
3.5746)

Have a look what the booklet for
HunterLab(33.5377, -4.1364, 3.5746)
contains.

HunterLab(33.5821, -4.3143, 3.5400)	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(33.5821, -4.3143,
3.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	5A605A
RGB	90, 96, 90
RGB Percent	35%, 38%, 35%
CMY	0.6471, 0.6235, 0.6471
CMYK	0.06, 0.00, 0.06, 0.62
HSL	120°, 3%, 36%
HSV	120°, 6%, 38%
XYZ	10.2448, 11.2776, 11.3097
YIQ	93.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

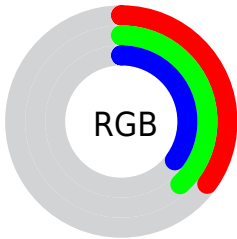
Format	Color
RYB	90, 96, 96
Decimal	5922906
CIELab	40.04, -3.62, 2.61
CIELCh	40, 4.463, 144.143
Yxy	11.2781, 0.3120, 0.3435
Android (android.graphics.Color)	4284112986 (0xFF5A605A)
YUV	93.5220, -1.7363, -3.0888
Hunter-Lab	33.5821, -4.3143, 3.5400

Details

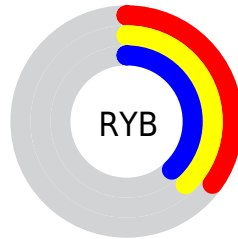
The HunterLab color **33.5821, -4.3143, 3.5400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **32.6250, 0.8564, 0.0063**, and the grayscale version is **33.2860, -1.7761, 1.8085**.

A 20% lighter version of the original color is **52.9402, -5.5613, 4.7373**, and **17.3382, -3.0292, 2.1411** is the 20% darker color. If you saturate the color by 10%, you get **32.6715, -8.0689, 6.0768**, and if you desaturate by 10%, it is **34.5907, -0.2840, 0.8173**.

Distribution



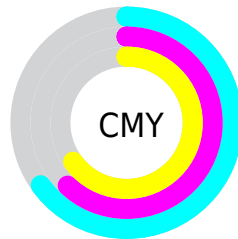
- Red (35%)
- Green (38%)
- Blue (35%)



- Red (35%)
- Yellow (38%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (62%)



- Cyan (65%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5821, -4.3143, 3.5400 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 33.5821, -4.3143, 3.5400 by changing the saturation by 10% instead.

■ 33.5821, -4.3143,
3.5400

■ 33.5821, -4.3143,
3.5400

■ 141.2676,
-11.6533, 10.5008

■ 25.0084, -3.6136,
2.9043

■ 53.0784, -5.7836,
4.8983

■ 17.3212, -2.9303,
2.2955

■ 63.8853, -6.5527,
5.6196

■ 10.6389, -2.2574,
1.7102

■ 75.3398, -7.3454,
6.3683

■ 0.7050, -1.2338,
0.4935

■ 87.4073, -8.1614,
7.1439

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0581, -9.0006,
7.9456

0.0000, NaN, NaN

113.2664, -9.8626,

0.0000, NaN, NaN

127.0096,
-10.7469, 9.6246

■ 33.5821, -4.3143,
3.5400

■ 33.5821, -4.3143,
3.5400

■ 32.6715, -8.0689,
6.0768

■ 34.5907, -0.2840,
0.8173

■ 31.8600, -11.5058,
8.3995

■ 35.6912, 3.9852,
-2.0660

■ 31.1508, -14.5881,
10.4828

■ 36.8798, 8.4551,
-5.0844

■ 30.5451, -17.2828,
12.3044

■ 38.1519, 13.0917,
-8.2146

■ 30.0426, -19.5641,
13.8467

■ 39.5026, 17.8646,
-11.4360

■ 29.6415, -21.4169,
15.0994

■ 40.9274, 22.7473,
-14.7308

■ 29.3377, -22.8390,
16.0610

■ 42.4214, 27.7176,
-18.0839

■ 29.1253, -23.8440,
16.7406

■ 43.9804, 32.7565,
-21.4825

■ 28.9781, -24.5455,
17.2150

■ 45.6001, 37.8487,
-24.9163

Harmonies

Analogous

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



33.5828, -3.0756, 4.4554



33.5821, -4.3143, 3.5400



33.5828, -4.8778, 2.1331

Triad

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



33.5828, -4.3151, 3.5405



33.5828, -2.1153, -1.2998



33.5828, 1.1369, 3.0337

Complementary

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



33.5821, -4.3143, 3.5400



32.6250, 0.8564, 0.0063

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.



33.5828, 1.4059, 1.5200



33.5821, -4.3143, 3.5400



33.5828, -0.4922, -1.0305

Square

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



33.5828, -4.3151, 3.5405



33.5828, -3.6236, -0.6991



33.5828, 0.8043, 0.0203



33.5828, 0.0762, 4.1728

Rectangle

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



33.5821, -4.3143, 3.5400



33.5828, -4.8014, 1.0856



33.5828, 0.8043, 0.0203



33.5828, 1.3237, 2.5538

Sweetspot

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



33.5828, -4.3151, 3.5405



44.9906, -3.5168, 3.2035



34.0192, -2.6369, 4.0578



22.4305, -1.7042, 1.5637



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.5828, -4.3151, 3.5405



44.1962, -6.7315, 5.3753



33.6577, -3.8995, 2.4692



16.9014, -2.7042, 2.1440



34.1065, -29.2463, 20.5043



78.8313, -67.5978, 47.3921

Inverse Universe

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



32.6250, 0.8564, 0.0063



42.5283, 2.2756, -0.7800



32.5445, 0.4214, 1.1517



16.2129, 1.0138, -0.3969



21.5223, 42.3137, -28.3875



49.7451, 97.8008, -65.6129

Previews

White Background



This preview shows how the HunterLab color 33.5821, -4.3143, 3.5400 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 33.5821, -4.3143, 3.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

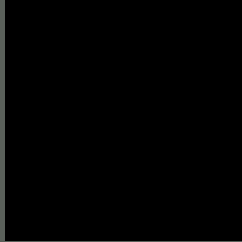
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

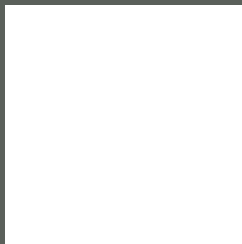
Any Text WCAG AAA × Fail

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

HunterLab 33.5821, -4.3143, 3.5400 Background



This preview shows how black text looks on a background with the HunterLab color 33.5821, -4.3143, 3.5400.



This preview shows how white text looks on a background with the HunterLab color 33.5821, -4.3143, 3.5400.

3.5400.

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

33.5821, -4.3143, 3.5400

Protanopia

33.5679, -1.6563, 3.9621

Deuteranopia

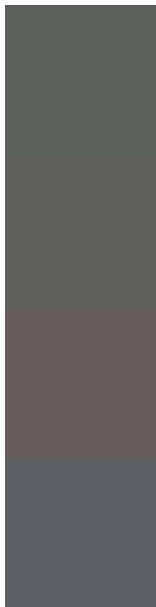
33.5272, 2.3147, 3.1969



Tritanopia

33.5262, -1.0916, -1.5908

Trichromacy



Original Color

33.5821, -4.3143, 3.5400

Protanomaly

33.5937, -2.9363, 3.9683

Deuteranomaly

33.6056, -0.0728, 3.2442

Tritanomaly

33.6012, -2.4321, 0.2728

Monochromacy



Original Color

33.5821, -4.3143, 3.5400

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.6183, -2.6447, 2.4052

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5821, -4.3143, 3.5400 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(90, 96, 90)` looks like.

```
.text, #text, p{  
    color:rgb(90, 96, 90)  
}
```

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(90, 96, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 96, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5821, -4.3143, 3.5400 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(90, 96, 90) }
```


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

```
.border{ border-color:rgb(90, 96, 90) }
```

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

Here you see how a box with a 4 pixel rgb(90, 96, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 96, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 96, 90);  
box-shadow:4px 4px 4px 4px rgb(90, 96, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5821, -4.3143, 3.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 96, 90) }
```

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

```
.background{ background-color: rgb(90, 96,  
90) }
```

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