

Converting Colors

HunterLab(33.6991, -1.2027,
1.6729)

Have a look what the booklet for
HunterLab(33.6991, -1.2027, 1.6729)
contains.

HunterLab(33.6429, -1.0843, 1.6317)	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(33.6429, -1.0843,
1.6317)**

Conversions

Conversions Part 1

Format	Color
Hex	605E5F
RGB	96, 94, 95
RGB Percent	38%, 37%, 37%
CMY	0.6235, 0.6314, 0.6274
CMYK	0.00, 0.02, 0.01, 0.62
HSL	330°, 1%, 37%
HSV	330°, 2%, 38%
XYZ	10.8922, 11.3184, 12.4371
YIQ	94.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

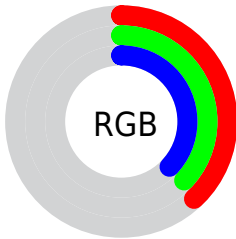
Format	Color
R_{YB}	96, 94, 95
Decimal	6315615
CIE _{Lab}	40.11, 1.00, -0.29
CIE _{LCh}	40, 1.044, 343.601
Yxy	11.3189, 0.3144, 0.3267
Android (android.graphics.Color)	4284505695 (0xFF605E5F)
YUV	94.7120, 0.1420, 1.1296
Hunter-Lab	33.6429, -1.0843, 1.6317

Details

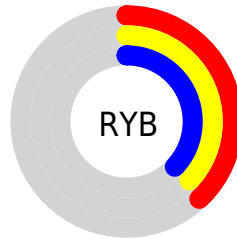
The HunterLab color **33.6429, -1.0843, 1.6317** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **34.0176, -2.5192, 2.0467**, and the grayscale version is **33.7210, -1.7993, 1.8321**.

A 20% lighter version of the original color is **53.0112, -2.0630, 2.6682**, and **17.3602, -0.2874, 0.7684** is the 20% darker color. If you saturate the color by 10%, you get **31.0350, 2.5113, 0.6041**, and if you desaturate by 10%, it is **36.3648, -4.6117, 2.7505**.

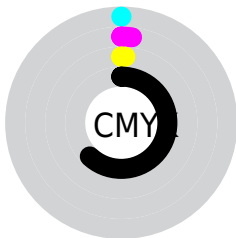
Distribution



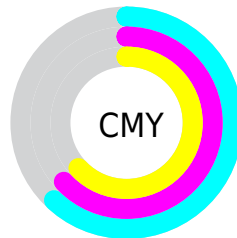
- Red (38%)
- Green (37%)
- Blue (37%)



- Red (38%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (62%)



- Cyan (62%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6429, -1.0843, 1.6317 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 33.6429, -1.0843, 1.6317 by changing the saturation by 10% instead.

■ 33.6429, -1.0843,
1.6317

■ 33.6429, -1.0843,
1.6317

■ 141.3658, -6.4048,
7.3743

■ 25.0635, -0.6928,
1.1837

■ 53.1493, -2.0106,
2.6614

■ 17.3700, -0.3554,
0.7855

■ 63.9606, -2.5357,
3.2352

■ 10.6804, -0.0825,
0.4451

■ 75.4194, -3.0982,
3.8451

■ 1.1161, 3.8494,
-1.0336

■ 87.4909, -3.6960,
4.4890

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1455, -4.3271,
5.1653

0.0000, NaN, NaN

■ 113.3575, -4.9898,

0.0000, NaN, NaN

127.1043, -5.6828,
6.6091

■ 33.6429, -1.0843,
1.6317

■ 33.6429, -1.0843,
1.6317

■ 31.0350, 2.5113,
0.6041

■ 36.3648, -4.6117,
2.7505

■ 28.5559, 6.1729,
-0.3108

■ 39.1845, -8.0710,
3.9414

■ 26.2272, 9.8820,
-1.0822

■ 42.0914, -11.4691,
5.1919

■ 24.0741, 13.5986,
-1.6711

■ 45.0762, -14.8132,
6.4921

■ 22.1262, 17.2486,
-2.0297

■ 48.1312, -18.1111,
7.8344

■ 20.4170, 20.7108,
-2.1045

■ 51.2498, -21.3700,
9.2131

■ 18.9806, 23.8099,
-1.8441

■ 54.4267, -24.5967,
10.6235

■ 17.8470, 26.3312,
-1.2156

■ 57.6574, -27.7970,
12.0621

■ 17.0226, 28.1044,
-0.2388

■ 60.9378, -30.9761,
13.5260

Harmonies

Analogous

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



33.6436, -1.2858, 1.3183



33.6429, -1.0843, 1.6317



33.6436, -1.0757, 1.9962

Triad

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



33.6436, -1.0851, 1.6322



33.6436, -1.9705, 2.5074



33.6436, -2.3304, 1.3429

Complementary

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



33.6429, -1.0843, 1.6317



34.0176, -2.5192, 2.0467

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.



33.6436, -2.5122, 1.6656



33.6429, -1.0843, 1.6317



33.6436, -2.3050, 2.3364

Square

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



33.6436, -1.0851, 1.6322



33.6436, -1.5881, 2.4987



33.6436, -2.5029, 2.0292



33.6436, -2.0053, 1.1500

Rectangle

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



33.6429, -1.0843, 1.6317



33.6436, -1.1792, 2.2180



33.6436, -2.5029, 2.0292



33.6436, -2.4102, 1.4400

Sweetspot

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



33.6436, -1.0851, 1.6322



44.8999, -1.9311, 2.3107



33.5908, -1.2136, 1.1441



22.3894, -0.9836, 1.1579



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.



33.6436, -1.0851, 1.6322



44.5353, -1.4459, 2.1632



33.6168, -1.2315, 2.0149



17.1003, -0.6051, 0.8442



19.3493, 34.6147, 1.0424



44.5230, 79.2794, 5.2628

Inverse Universe

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



33.6436, -1.0851, 1.6322



44.5353, -1.4459, 2.1632



34.0444, -2.3716, 1.6637



17.1003, -0.6051, 0.8442



19.3493, 34.6147, 1.0424



44.5230, 79.2794, 5.2628

Previews

White Background



This preview shows how the HunterLab color 33.6429, -1.0843, 1.6317 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 33.6429, -1.0843, 1.6317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

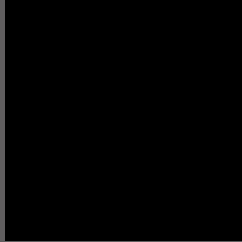
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

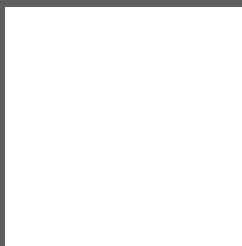
Any Text WCAG AAA × Fail

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

HunterLab 33.6429, -1.0843, 1.6317 Background



This preview shows how black text looks on a background with the HunterLab color 33.6429, -1.0843, 1.6317.



This preview shows how white text looks on a background with the HunterLab color 33.6429, -1.0843, 1.6317.

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

33.6429, -1.0843, 1.6317

Protanopia

33.6429, -1.0843, 1.6317

Deuteranopia

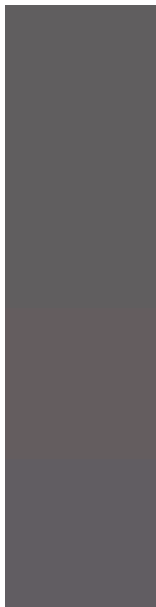
33.7107, 1.8266, 1.7628



Tritanopia

33.6009, 0.4014, -0.5626

Trichromacy



Original Color

33.6429, -1.0843, 1.6317

Protanomaly

33.6429, -1.0843, 1.6317

Deuteranomaly

33.7109, 0.4978, 1.7399

Tritanomaly

33.5439, 0.0927, 0.2469

Monochromacy



Original Color

33.6429, -1.0843, 1.6317

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.8283, -1.8050, 1.8380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6429, -1.0843, 1.6317 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(96, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(96, 94, 95)  
}
```

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(96, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 94, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6429, -1.0843, 1.6317 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(96, 94, 95) }
```


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

```
.border{ border-color:rgb(96, 94, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 94, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(96, 94, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.6429, -1.0843, 1.6317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 94, 95) }
```

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

```
.background{ background-color: rgb(96, 94,  
95) }
```

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