

Converting Colors

HunterLab(36.4024, -1.7215,
3.0960)

Have a look what the booklet for
HunterLab(36.4024, -1.7215, 3.0960)
contains.

HunterLab(36.5331, -1.8202, 3.3222)	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(36.5331, -1.8202,
3.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	686663
RGB	104, 102, 99
RGB Percent	41%, 40%, 39%
CMY	0.5922, 0.6000, 0.6118
CMYK	0.00, 0.02, 0.05, 0.59
HSL	36°, 2%, 40%
HSV	36°, 5%, 41%
XYZ	12.7124, 13.3467, 13.7105
YIQ	102.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

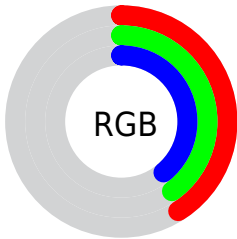
Format	Color
R_{YB}	102, 104, 99
Decimal	6841955
CIE Lab	43.28, 0.18, 1.96
CIE LCh	43, 1.973, 84.800
Yxy	13.3473, 0.3197, 0.3356
Android (android.graphics.Color)	4285032035 (0xFF686663)
YUV	102.2560, -1.6052, 1.5295
Hunter-Lab	36.5331, -1.8202, 3.3222

Details

The HunterLab color $36.5331, -1.8202, 3.3222$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35.9990, -2.0192, 0.5766$, and the grayscale version is $36.5536, -1.9504, 1.9860$.

A 20% lighter version of the original color is $56.5270, -2.8821, 4.5167$, and $19.6450, -0.7948, 1.9259$ is the 20% darker color. If you saturate the color by 10%, you get $35.1631, -1.3867, 5.8548$, and if you desaturate by 10%, it is $37.9429, -2.1312, 0.5579$.

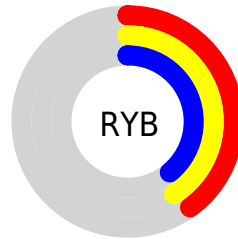
Distribution



Red (41%)

Green (40%)

Blue (39%)



Red (40%)

Yellow (41%)

Blue (39%)

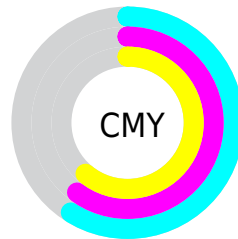


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (59%)



Cyan (59%)

Magenta (60%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5331, -1.8202, 3.3222 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 36.5331, -1.8202, 3.3222 by changing the saturation by 10% instead.

■ 36.5331, -1.8202,
3.3222

■ 36.5331, -1.8202,
3.3222

■ 145.9902, -7.5910,
10.0885

■ 27.6913, -1.3603,
2.7190

■ 56.5033, -2.8674,
4.6260

■ 19.7061, -0.9465,
2.1480

■ 67.5240, -3.4468,
5.3234

■ 12.6827, -0.5858,
1.6095

■ 79.1805, -4.0607,
6.0500

■ 6.0276, -0.1927,
1.6792

■ 91.4398, -4.7072,
6.8048

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.2737, -5.3847,
7.5868

0.0000, NaN, NaN

■ 117.6575, -6.0920,

0.0000, NaN, NaN

131.5694, -6.8278,
9.2294

■ 36.5331, -1.8202,
3.3222

■ 36.5331, -1.8202,
3.3222

■ 35.1631, -1.3867,
5.8548

■ 37.9429, -2.1312,
0.5579

■ 33.8329, -0.8206,
8.1360

■ 39.3880, -2.3246,
-2.4225

■ 32.5457, -0.1159,
10.1477

■ 40.8670, -2.4086,
-5.6024

■ 31.3041, 0.7339,
11.8712

■ 42.3782, -2.3903,
-8.9669

■ 30.1107, 1.7336,
13.2889

■ 43.9196, -2.2766,
-12.5020

■ 28.9681, 2.8862,
14.3852

■ 45.4896, -2.0740,
-16.1955

■ 27.8786, 4.1920,
15.1486

■ 47.0868, -1.7884,
-20.0356

■ 26.8445, 5.6469,
15.5748

■ 48.7096, -1.4256,
-24.0121

■ 25.8648, 7.2281,
15.7088

■ 50.3569, -0.9906,
-28.1155

Harmonies

Analogous

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



36.5339, -1.1201, 3.0871



36.5331, -1.8202, 3.3222



36.5339, -2.5516, 3.2068

Triad

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



36.5339, -1.8211, 3.3228



36.5339, -3.2455, 1.4111



36.5339, -0.7707, 1.1926

Complementary

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



36.5331, -1.8202, 3.3222



35.9990, -2.0192, 0.5766

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.



36.5339, -1.3472, 0.7270



36.5331, -1.8202, 3.3222



36.5339, -2.7752, 0.8549

Square

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



36.5339, -1.8211, 3.3228



36.5339, -3.3701, 2.1122



36.5339, -2.0813, 0.6022



36.5339, -0.5105, 1.8647

Rectangle

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



36.5331, -1.8202, 3.3222



36.5339, -2.9575, 2.9445



36.5339, -2.0813, 0.6022



36.5339, -0.9342, 1.0062

Sweetspot

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



36.5339, -1.8211, 3.3228



49.0900, -2.5862, 3.0520



35.7862, -0.1771, 1.6497



24.2553, -1.2792, 1.4922



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



36.5339, -1.8211, 3.3228



48.1402, -2.3437, 4.8764



37.0336, -2.8548, 3.8711



17.7692, -0.8641, 1.8082



28.0562, 9.1745, 17.4487



62.6977, 23.7976, 39.0506

Inverse Universe

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



35.9990, -2.0192, 0.5766



47.2323, -2.6798, 0.2146



35.5025, -0.9855, -0.0129



17.4306, -0.9894, 0.0700



17.8173, 9.4080, -42.5792



38.6502, 26.2109, -104.8913

Previews

White Background



This preview shows how the HunterLab color 36.5331, -1.8202, 3.3222 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 36.5331, -1.8202, 3.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

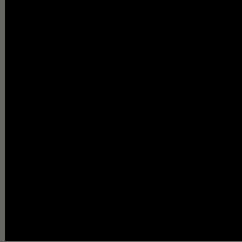
Any Text WCAG AA × Fail

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 36.5331, -1.8202, 3.3222 Background



This preview shows how black text looks on a background with the HunterLab color 36.5331, -1.8202, 3.3222.



This preview shows how white text looks on a background with the HunterLab color 36.5331, -1.8202,

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

36.5331, -1.8202, 3.3222

Protanopia

36.6154, -1.5345, 3.4209

Deuteranopia

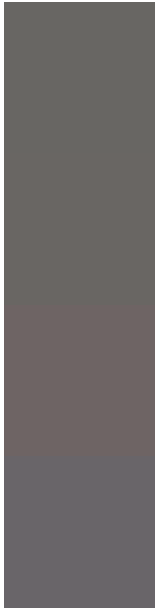
36.5438, 2.3422, 2.9981



Tritanopia

36.5969, 0.2704, -0.4291

Trichromacy



Original Color

36.5331, -1.8202, 3.3222

Protanomaly

36.6154, -1.5345, 3.4209

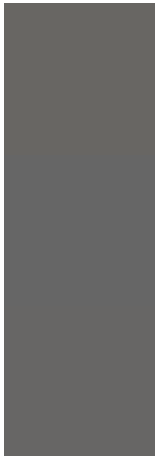
Deuteranomaly

36.5369, 0.9778, 2.9662

Tritanomaly

36.5110, -0.1954, 0.7918

Monochromacy



Original Color

36.5331, -1.8202, 3.3222

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.5046, -1.8129, 2.4655

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5331, -1.8202, 3.3222 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(104, 102, 99)` looks like.

```
.text, #text, p{  
    color:rgb(104, 102, 99)  
}
```

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(104, 102, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 102, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5331, -1.8202, 3.3222 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(104, 102, 99) }
```


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

```
.border{ border-color:rgb(104, 102, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 102, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 102, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 102, 99);  
box-shadow:4px 4px 4px 4px rgb(104, 102,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5331, -1.8202, 3.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 102, 99) }
```

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

```
.background{ background-color: rgb(104,  
102, 99) }
```

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