

Converting Colors

HunterLab(31.3317, -4.8546,
10.3520)

Have a look what the booklet for
HunterLab(31.3317, -4.8546,
10.3520) contains.

HunterLab(31.3765, -5.0178, 10.3600)	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(31.3765, -5.0178,
10.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5A3F
RGB	90, 90, 63
RGB Percent	35%, 35%, 25%
CMY	0.6471, 0.6470, 0.7529
CMYK	0.00, 0.00, 0.30, 0.65
HSL	60°, 18%, 30%
HSV	60°, 30%, 35%
XYZ	8.7698, 9.8448, 6.1406
YIQ	86.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

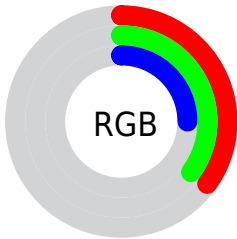
Format	Color
RYB	63, 90, 63
Decimal	5921343
CIELab	37.56, -4.94, 15.65
CIELCh	38, 16.412, 107.508
Yxy	9.8453, 0.3543, 0.3977
Android (android.graphics.Color)	4284111423 (0xFF5A5A3F)
YUV	86.9220, -11.7935, 2.6994
Hunter-Lab	31.3765, -5.0178, 10.3600

Details

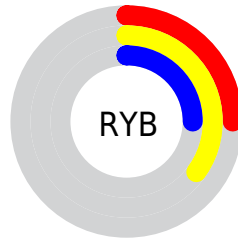
The HunterLab color **31.3765, -5.0178, 10.3600** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **23.1305, 3.3024, -10.4849**, and the grayscale version is **30.8835, -1.6479, 1.6780**.

A 20% lighter version of the original color is **50.4770, -6.7796, 13.3204**, and **15.6932, -3.5386, 7.1077** is the 20% darker color. If you saturate the color by 10%, you get **31.2293, -5.8465, 12.5149**, and if you desaturate by 10%, it is **31.5505, -4.0538, 7.8487**.

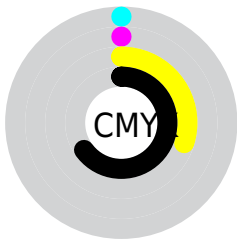
Distribution



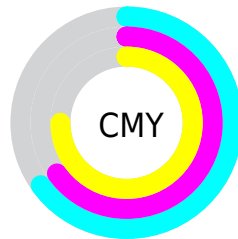
- Red (35%)
- Green (35%)
- Blue (25%)



- Red (25%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (65%)



- Cyan (65%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3765, -5.0178, 10.3600 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 31.3765, -5.0178, 10.3600 by changing the saturation by 10% instead.

■ 31.3765, -5.0178,
10.3600

■ 31.3765, -5.0178,
10.3600

■ 137.6823,
-12.9007, 23.3123

■ 23.0141, -4.2290,
8.7399

■ 50.5016, -6.6379,
13.3907

■ 15.5636, -3.4436,
6.9937

■ 61.1416, -7.4733,
14.8454

■ 9.1504, -2.8400,
6.4053

■ 72.4388, -8.3279,
16.2773

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.3572, -9.2023,
17.6943

0.0000, NaN, NaN

■ 96.8657, -10.0967,
19.1025

0.0000, NaN, NaN

■ 109.9379,

0.0000, NaN, NaN

-11.0113, 20.5062

0.0000, NaN, NaN

123.5503,
-11.9460, 21.9086

■ 31.3765, -5.0178,
10.3600

■ 31.3765, -5.0178,
10.3600

■ 31.2293, -5.8465,
12.5149

■ 31.5505, -4.0538,
7.8487

■ 31.1059, -6.5404,
14.3207

■ 31.7499, -2.9499,
4.9751

■ 31.0059, -7.1049,
15.7897

■ 31.9761, -1.7063,
1.7377

■ 30.9279, -7.5462,
16.9377

■ 32.2296, -0.3235,
-1.8623

■ 30.8705, -7.8720,
17.7854

■ 32.5106, 1.1969,
-5.8210

■ 30.8316, -8.0929,
18.3596

■ 32.8193, 2.8525,
-10.1320

■ 30.7995, -8.2753,
18.8336

■ 33.1559, 4.6401,
-14.7869

■ 33.5203, 6.5556,
-19.7754

■ 33.9124, 8.5946,
-25.0857

Harmonies

Analogous

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



31.3772, 0.8178, 10.5283



31.3765, -5.0178, 10.3600



31.3772, -9.6160, 8.1623

Triad

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



31.3772, -5.0187, 10.3604



31.3772, -8.9823, -7.3446



31.3772, 10.1953, -0.7191

Complementary

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



31.3765, -5.0178, 10.3600



23.1305, 3.3024, -10.4849

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.



31.3772, 7.1419, -6.4979



31.3765, -5.0178, 10.3600



31.3772, -4.0940, -10.7714

Square

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



31.3772, -5.0187, 10.3604



31.3772, -11.7854, -1.7178



31.3772, 1.8130, -10.4357



31.3772, 9.9017, 4.7863

Rectangle

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



31.3765, -5.0178, 10.3600



31.3772, -11.4913, 5.5649



31.3772, 1.8130, -10.4357



31.3772, 9.5174, -2.7108

Sweetspot

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



31.3772, -5.0187, 10.3604



42.0136, -3.7910, 6.2923



24.6734, 6.6779, 4.0199



20.6420, -1.9379, 3.2866



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



31.3772, -5.0187, 10.3604



41.3570, -7.4406, 15.7922



30.3789, -8.6592, 9.3894



16.3920, -1.4518, 2.3844



37.9057, -10.1846, 23.1790



88.7028, -23.8335, 54.2410

Inverse Universe

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



23.1305, 3.3024, -10.4849



27.9862, 6.2405, -18.4963



24.1877, 6.7000, -8.6902



15.1053, -0.1796, -0.8003



10.5747, 28.6833, -75.1329



24.7454, 67.1213, -175.8219

Previews

White Background



This preview shows how the HunterLab color 31.3765, -5.0178, 10.3600 looks on a white background.

Color Contrast Check

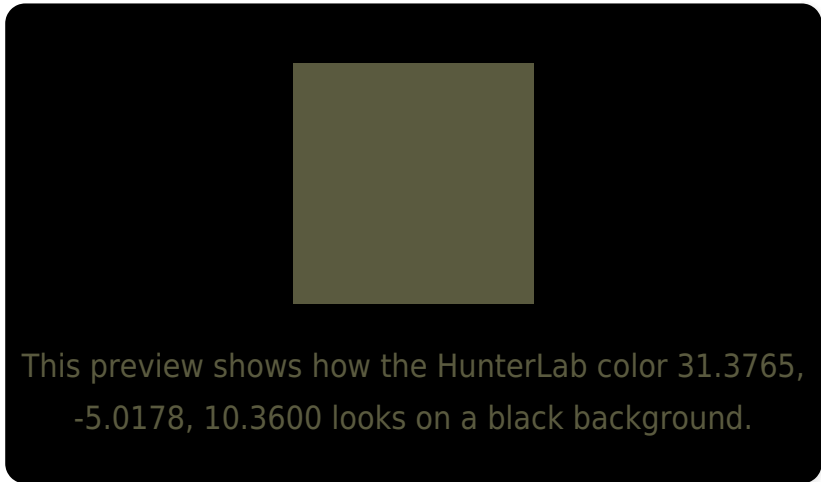
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

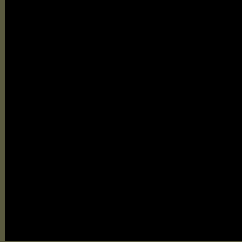
Any Text WCAG AA × Fail

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 31.3765, -5.0178, 10.3600 Background



This preview shows how black text looks on a background with the HunterLab color 31.3765, -5.0178, 10.3600.



This preview shows how white text looks on a background with the HunterLab color 31.3765, -5.0178, 10.3600.

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

31.3765, -5.0178, 10.3600

Protanopia

31.2412, -2.8010, 10.5525

Deuteranopia

31.4172, 1.8336, 10.2375



Tritanopia

31.3458, 1.6329, -0.2444

Trichromacy



Original Color

31.3765, -5.0178, 10.3600

Protanomaly

31.3364, -3.8227, 10.6196

Deuteranomaly

31.4577, -0.6395, 10.2309

Tritanomaly

31.2294, -0.6637, 4.0765

Monochromacy



Original Color

31.3765, -5.0178, 10.3600

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.9907, -3.0327, 5.2537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3765, -5.0178, 10.3600 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, 90, 63)` looks like.

```
.text, #text, p{  
    color:rgb(90, 90, 63)  
}
```

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, 90, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 90, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3765, -5.0178, 10.3600 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, 90, 63) }
```


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

```
.border{ border-color:rgb(90, 90, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 90, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 90, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 90, 63);  
box-shadow:4px 4px 4px 4px rgb(90, 90, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3765, -5.0178, 10.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 90, 63) }
```

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

```
.background{ background-color: rgb(90, 90,  
63) }
```

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](#).

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