

Converting Colors

HunterLab(31.2316, 0.4649,
-4.6107)

Have a look what the booklet for
HunterLab(31.2316, 0.4649, -4.6107)
contains.

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Color

**HunterLab(31.2316, 0.4649,
-4.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	565766
RGB	86, 87, 102
RGB Percent	34%, 34%, 40%
CMY	0.6627, 0.6588, 0.6000
CMYK	0.16, 0.15, 0.00, 0.60
HSL	236°, 9%, 37%
HSV	236°, 16%, 40%
XYZ	9.6442, 9.7541, 13.9448
YIQ	88.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

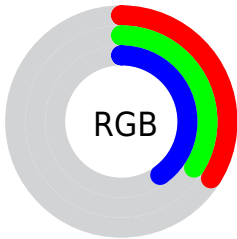
Format	Color
R_{YB}	86, 87, 102
Decimal	5658470
CIE Lab	37.40, 3.05, -8.75
CIE LCh	37, 9.263, 289.206
Yxy	9.7545, 0.2892, 0.2925
Android (android.graphics.Color)	4283848550 (0xFF565766)
YUV	88.4110, 6.6994, -2.1144
Hunter-Lab	31.2316, 0.4649, -4.6107

Details

The HunterLab color $[31.2316, 0.4649, -4.6107]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[35.7827, -3.6913, 7.3962]$, and the grayscale version is $[31.3682, -1.6737, 1.7043]$.

A 20% lighter version of the original color is $[50.4237, -0.2767, -4.3702]$, and $[15.5022, 0.8745, -4.2561]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.0308, 2.1944, -9.2780]$, and if you desaturate by 10%, it is $[34.5341, -1.1079, -0.3214]$.

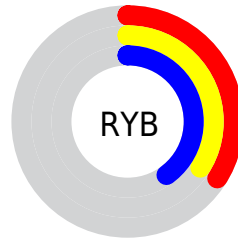
Distribution



Red (34%)

Green (34%)

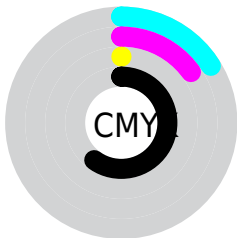
Blue (40%)



Red (34%)

Yellow (34%)

Blue (40%)

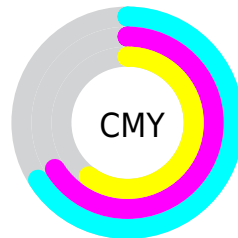


Cyan (16%)

Magenta (15%)

Yellow (0%)

Black (60%)



Cyan (66%)

Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2316, 0.4649, -4.6107 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 31.2316, 0.4649, -4.6107 by changing the saturation by 10% instead.

■ 31.2316, 0.4649,
-4.6107

■ 31.2316, 0.4649,
-4.6107

■ 137.4449, -3.8754,
-2.2732

■ 22.8834, 0.7061,
-4.5645

■ 50.3317, -0.1971,
-4.4744

■ 15.4489, 0.8747,
-4.4294

■ 60.9605, -0.6036,
-4.3095

■ 9.0500, 0.9846,
-4.2125

■ 72.2472, -1.0544,
-4.0881

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 84.1555, -1.5463,
-3.8149

0.0000, NaN, NaN

■ 96.6546, -2.0765,
-3.4938

0.0000, NaN, NaN

109.7176, -2.6426,

0.0000, NaN, NaN

-3.1281

0.0000, NaN, NaN

123.3213, -3.2428,
-2.7204

■ 31.2316, 0.4649,
-4.6107

■ 31.2316, 0.4649,
-4.6107

■ 28.0308, 2.1944,
-9.2780

■ 34.5341, -1.1079,
-0.3214

■ 24.9466, 4.1269,
-14.4319

■ 37.9238, -2.5566,
3.6709

■ 22.0024, 6.3185,
-20.2055

■ 41.3914, -3.9080,
7.4305

■ 19.2301, 8.8367,
-26.7532

■ 44.9294, -5.1822,
11.0062

■ 16.6746, 11.7481,
-34.2168

■ 48.5315, -6.3945,
14.4357

■ 14.3995, 15.0800,
-42.6222

■ 52.1926, -7.5570,
17.7486

■ 12.4913, 18.7272,
-51.6412

■ 55.9084, -8.6791,
20.9677

■ 11.0269, 22.2648,
-60.4056

■ 59.6754, -9.7683,
24.1113

■ 10.4780, 23.7006,
-64.2594

■ 63.4904, -10.8305,
27.1940

Harmonies

Analogous

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



31.2322, -2.8572, -4.8881



31.2316, 0.4649, -4.6107



31.2322, 3.3241, -2.5430

Triad

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



31.2322, 0.4643, -4.6101



31.2322, 2.6223, 5.9652



31.2322, -7.7071, 2.8184

Complementary

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



31.2316, 0.4649, -4.6107



35.7827, -3.6913, 7.3962

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.



31.2322, -6.3652, 5.4204



31.2316, 0.4649, -4.6107



31.2322, -0.4610, 7.1066

Square

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



31.2322, 0.4643, -4.6101



31.2322, 4.6056, 3.6365



31.2322, -3.7449, 6.9182



31.2322, -7.4827, -0.3689

Rectangle

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



31.2316, 0.4649, -4.6107



31.2322, 4.5403, -0.5385



31.2322, -3.7449, 6.9182



31.2322, -7.4266, 3.7843

Sweetspot

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



31.2322, 0.4643, -4.6101



45.9740, -1.5751, -0.1296



35.2415, -6.2863, 0.9207



22.2242, -0.7177, -0.1928



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.



31.2322, 0.4643, -4.6101



39.7077, 1.4714, -8.4243



31.5258, 2.7734, -4.1666



16.6994, -0.3066, -0.8351



11.7811, 27.2326, -73.5127



26.0231, 65.8388, -174.6536

Inverse Universe

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



31.8884, 3.1263, 2.9384



40.8143, 5.8513, 4.2418



35.5124, -6.0643, 7.0771



16.8789, 0.4514, 1.2494



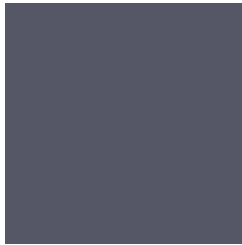
19.0883, 32.7718, 11.6954



43.5390, 74.6422, 27.5117

Previews

White Background



This preview shows how the HunterLab color 31.2316, 0.4649, -4.6107 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



This preview shows how the HunterLab color 31.2316, 0.4649, -4.6107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

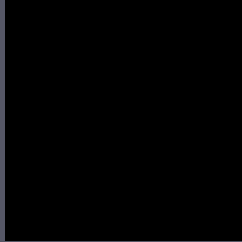
Any Text WCAG AA × Fail

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 31.2316, 0.4649, -4.6107 Background



This preview shows how black text looks on a background with the HunterLab color 31.2316, 0.4649, -4.6107.



This preview shows how white text looks on a background with the HunterLab color 31.2316, 0.4649, -4.6107.

-4.6107.

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

31.2316, 0.4649, -4.6107

Protanopia

31.1560, 0.2069, -4.7196

Deuteranopia

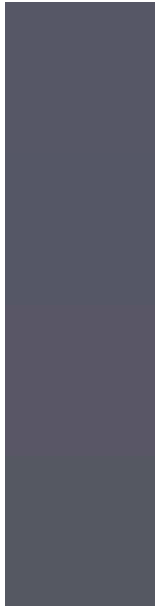
31.2867, 1.9735, -4.5083



Tritanopia

31.2041, -1.3984, -1.3677

Trichromacy



Original Color

31.2316, 0.4649, -4.6107

Protanomaly

31.1560, 0.2069, -4.7196

Deuteranomaly

31.2069, 1.7051, -4.6230

Tritanomaly

31.2931, -0.9123, -2.6267

Monochromacy



Original Color

31.2316, 0.4649, -4.6107

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.2986, -1.1859, -0.3523

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2316, 0.4649, -4.6107 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(86, 87, 102)` looks like.

```
.text, #text, p{  
    color:rgb(86, 87, 102)  
}
```

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(86, 87, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 87, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2316, 0.4649, -4.6107 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(86, 87, 102) }
```


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

```
.border{ border-color:rgb(86, 87, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 87, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 87, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 87, 102);  
box-shadow:4px 4px 4px 4px rgb(86, 87,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2316, 0.4649, -4.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 87, 102) }
```

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

```
.background{ background-color: rgb(86, 87,  
102) }
```

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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