

Converting Colors

HunterLab(13.6033, 49.9414,
9.5223)

Have a look what the booklet for
HunterLab(13.6033, 49.9414,
9.5223) contains.

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Color

**HunterLab(18.0311, 30.8788,
11.6513)**

Conversions

Conversions Part 1

Format	Color
Hex	6D0000
RGB	109, 0, 0
RGB Percent	43%, 0%, 0%
CMY	0.5726, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.57
HSL	0°, 100%, 21%
HSV	0°, 100%, 43%
XYZ	6.3067, 3.2512, 0.2951
YIQ	32.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

Format	Color
R_{YB}	109, 0, 0
Decimal	7143424
CIE Lab	21.02, 42.84, 32.03
CIE LCh	21, 53.485, 36.783
Yxy	3.2514, 0.6401, 0.3300
Android (android.graphics.Color)	4285333504 (0xFF6D0000)
YUV	32.5910, -16.0674, 67.0107
Hunter-Lab	18.0311, 30.8788, 11.6513

Details

The HunterLab color **18.0311, 30.8788, 11.6513** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **34.6972, -18.3926, -3.6642**, and the grayscale version is **12.2399, -0.6531, 0.6650**.

A 20% lighter version of the original color is **34.4377, 34.6413, 17.3767**, and **8.8683, 15.2119, 5.5389** is the 20% darker color. If you saturate the color by 10%, you get **18.0317, 30.8764, 11.6516**, and if you desaturate by 10%, it is **18.7414, 28.9690, 11.0635**.

Distribution



Red (43%)

Green (0%)

Blue (0%)



Red (43%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0311, 30.8788, 11.6513 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 18.0311, 30.8788, 11.6513 by changing the saturation by 10% instead.

■ 18.0311, 30.8788,
11.6513

■ 18.0311, 30.8788,
11.6513

■ 114.5885, 43.1736,
34.1756

■ 11.2444, 29.1352,
7.8711

■ 34.4666, 34.3703,
17.3061

■ 3.3668, 57.3849,
2.3567

■ 43.9195, 35.9578,
20.0344

0.0000, INF, NaN

0.0000, NaN, NaN

■ 54.1067, 37.4246,
22.6116

0.0000, NaN, NaN

■ 64.9787, 38.7757,
25.0726

0.0000, NaN, NaN

■ 76.4947, 40.0186,
27.4429

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.6205, 41.1611,

29.7412

0.0000, NaN, NaN

■ 101.3269, 42.2105,
31.9818

■ 18.0311, 30.8788,
11.6513

■ 18.0311, 30.8788,
11.6513

■ 18.0317, 30.8764,
11.6516

■ 18.7414, 28.9690,
11.0635

■ 19.6847, 26.6044,
10.3395

■ 21.0496, 23.4788,
9.3907

■ 22.8083, 19.8754,
8.3101

■ 24.9156, 16.0546,
7.1817

■ 27.3215, 12.2021,
6.0641

■ 29.9798, 8.4266,
4.9904

■ 32.8507, 4.7793,
3.9750

■ 35.9014, 1.2760,
3.0207

Harmonies

Analogous

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



18.0317, 40.8733, 4.1066



18.0311, 30.8788, 11.6513



18.0317, 12.8352, 12.6222

Triad

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



18.0317, 30.8764, 11.6516



18.0317, -21.4183, 9.1258



18.0317, 2.8155, -58.9525

Complementary

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



18.0311, 30.8788, 11.6513



34.6972, -18.3926, -3.6642

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.



18.0317, -11.5573, -51.9301



18.0311, 30.8788, 11.6513



18.0317, -22.4694, -2.8276

Square

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



18.0317, 30.8764, 11.6516



18.0317, -15.9322, 12.6222



18.0317, -19.5773, -26.7992



18.0317, 21.3983, -41.6971

Rectangle

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



18.0311, 30.8788, 11.6513



18.0317, 0.7958, 12.6222



18.0317, -19.5773, -26.7992



18.0317, -2.6570, -59.4864

Sweetspot

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



18.0317, 30.8764, 11.6516



39.8103, 11.6905, 6.7947



20.8693, 41.0298, -27.5254



18.6552, 6.3963, 3.4918



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



18.0317, 30.8764, 11.6516



24.1291, 41.3184, 15.5916



24.3645, 13.4018, 15.2479



17.6545, 0.4456, 1.4245



19.5012, 33.3931, 12.6012



44.0194, 75.3814, 28.4442

Inverse Universe

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



34.6972, -18.3926, -3.6642



46.4303, -24.6121, -4.9034



19.4659, 3.5572, -32.0097



18.6865, -2.3080, 0.5757



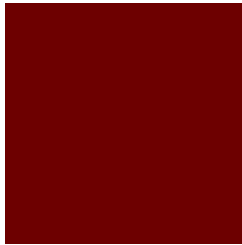
37.5250, -19.8916, -3.9629



84.7050, -44.9008, -8.9460

Previews

White Background



This preview shows how the HunterLab color 18.0311, 30.8788, 11.6513 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

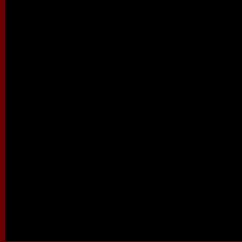
Any Text WCAG AA × Fail

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 18.0311, 30.8788, 11.6513 Background



This preview shows how black text looks on a background with the HunterLab color 18.0311, 30.8788, 11.6513.



This preview shows how white text looks on a background with the HunterLab color 18.0311, 30.8788, 11.6513.

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

18.0311, 30.8788, 11.6513

Protanopia

19.4633, -2.5851, 10.6824

Deuteranopia

19.2904, 0.3147, 11.8922



Tritanopia

18.4533, 28.5784, 11.8711

Trichromacy



Original Color

18.0311, 30.8788, 11.6513

Protanomaly

16.9825, 11.0079, 9.7550

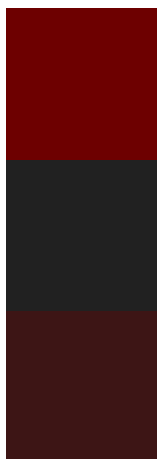
Deuteranomaly

17.2410, 13.3118, 10.8569

Tritanomaly

18.2165, 29.3586, 11.7389

Monochromacy



Original Color

18.0311, 30.8788, 11.6513

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.5800, 11.0171, 4.6009

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0311, 30.8788, 11.6513 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(109, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 0)  
}
```

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(109, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0311, 30.8788, 11.6513 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(109, 0, 0) }
```


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

```
.border{ border-color:rgb(109, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(109, 0, 0); box-shadow:4px  
4px 4px 4px rgb(109, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.0311, 30.8788, 11.6513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 0) }
```

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

```
.background{ background-color: rgb(109, 0,  
0) }
```

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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