

Converting Colors

HunterLab(17.1678, 42.7394,
11.7659)

Have a look what the booklet for
HunterLab(17.1678, 42.7394,
11.7659) contains.

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Color

**HunterLab(19.6254, 33.6090,
12.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	760000
RGB	118, 0, 0
RGB Percent	46%, 0%, 0%
CMY	0.5373, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.54
HSL	0°, 100%, 23%
HSV	0°, 100%, 46%
XYZ	7.4712, 3.8516, 0.3497
YIQ	35.2820, 70.3280, 25.0160

Conversions

Conversions Part 2

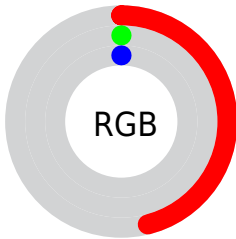
Format	Color
R_{YB}	118, 0, 0
Decimal	7733248
CIE Lab	23.18, 45.33, 34.96
CIE LCh	23, 57.239, 37.639
Yxy	3.8518, 0.6401, 0.3300
Android (android.graphics.Color)	4285923328 (0xFF760000)
YUV	35.2820, -17.3940, 72.5437
Hunter-Lab	19.6254, 33.6090, 12.6814

Details

The HunterLab color **19.6254, 33.6090, 12.6814** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37.7649, -20.0186, -3.9884**, and the grayscale version is **13.0938, -0.6987, 0.7114**.

A 20% lighter version of the original color is **36.5089, 37.2507, 18.9511**, and **9.9714, 17.0983, 6.2729** is the 20% darker color. If you saturate the color by 10%, you get **19.6260, 33.6066, 12.6818**, and if you desaturate by 10%, it is **20.3371, 31.6906, 12.0909**.

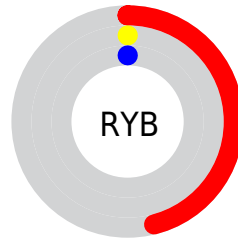
Distribution



Red (46%)

Green (0%)

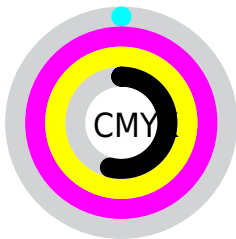
Blue (0%)



Red (46%)

Yellow (0%)

Blue (0%)

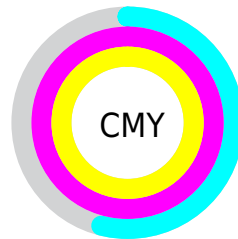


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6254, 33.6090, 12.6814 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 19.6254, 33.6090, 12.6814 by changing the saturation by 10% instead.

■ 19.6254, 33.6090,
12.6814

■ 19.6254, 33.6090,
12.6814

■ 117.5121, 46.4841,
36.8032

■ 12.6136, 31.8078,
8.8295

■ 36.4355, 37.2114,
18.8224

■ 5.9290, 37.6078,
4.1503

■ 46.0511, 38.8615,
21.7334

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.3895, 40.3939,
24.4846

0.0000, NaN, NaN

■ 67.4032, 41.8124,
27.1112

0.0000, NaN, NaN

■ 79.0531, 43.1236,
29.6391


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.3061, 44.3348,


32.0876


0.0000, NaN, NaN


 104.1340, 45.4528,
34.4718


 19.6254, 33.6090,
12.6814


 19.6254, 33.6090,
12.6814


 19.6260, 33.6066,
12.6818

 20.3371, 31.6906,
12.0909

 21.3381, 29.1673,
11.3180

 22.8069, 25.7814,
10.2896

 24.7146, 21.8467,
9.1087

 27.0110, 17.6579,
7.8706

■ 29.6407, 13.4268,
6.6423

■ 32.5516, 9.2777,
5.4616

■ 35.6990, 5.2698,
4.3452

■ 39.0461, 1.4213,
3.2966

Harmonies

Analogous

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



19.6260, 45.0498, 4.8861



19.6254, 33.6090, 12.6814



19.6260, 13.5662, 13.7382

Triad

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



19.6260, 33.6064, 12.6817



19.6260, -23.5721, 9.7963



19.6260, 3.6591, -65.1782

Complementary

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



19.6254, 33.6090, 12.6814



37.7649, -20.0186, -3.9884

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.



19.6260, -12.3402, -58.1655



19.6254, 33.6090, 12.6814



19.6260, -24.5961, -3.7143

Square

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



19.6260, 33.6064, 12.6817



19.6260, -17.7415, 13.7382



19.6260, -21.3082, -30.5388



19.6260, 24.2062, -45.3838

Rectangle

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



19.6254, 33.6090, 12.6814



19.6260, 0.3660, 13.7382



19.6260, -21.3082, -30.5388



19.6260, -2.4235, -66.0567

Sweetspot

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



19.6260, 33.6064, 12.6817



42.8640, 12.7081, 7.3565



22.7146, 44.6575, -29.9591



19.9299, 6.9551, 3.7713



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.6260, 33.6064, 12.6817



26.0243, 44.5640, 16.8162



26.4187, 14.8139, 16.5384



19.2378, 0.5161, 1.5625



20.4135, 34.9553, 13.1907



45.0623, 77.1673, 29.1181

Inverse Universe

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



37.7649, -20.0186, -3.9884



50.0771, -26.5450, -5.2889



21.0617, 4.1104, -35.1984



20.3844, -2.5435, 0.6194



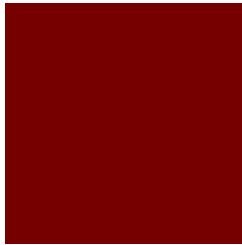
39.2803, -20.8219, -4.1485



86.7114, -45.9641, -9.1585

Previews

White Background



This preview shows how the HunterLab color 19.6254, 33.6090, 12.6814 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

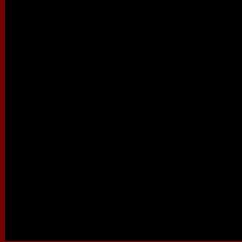
Any Text WCAG AA × Fail

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 19.6254, 33.6090, 12.6814 Background



This preview shows how black text looks on a background with the HunterLab color 19.6254, 33.6090, 12.6814.



This preview shows how white text looks on a background with the HunterLab color 19.6254, 33.6090,

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

19.6254, 33.6090, 12.6814

Protanopia

21.1175, -3.0027, 11.6911

Deuteranopia

21.0288, 0.2493, 12.9622



Tritanopia

20.0531, 31.2740, 12.9041

Trichromacy



Original Color

19.6254, 33.6090, 12.6814

Protanomaly

18.4026, 12.2748, 10.6293

Deuteranomaly

18.6706, 14.6057, 11.7604

Tritanomaly

19.8340, 31.9973, 12.7818

Monochromacy



Original Color

19.6254, 33.6090, 12.6814

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.2498, 11.9976, 4.9779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6254, 33.6090, 12.6814 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(118, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 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(118, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6254, 33.6090, 12.6814 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(118, 0, 0) }
```


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

```
.border{ border-color:rgb(118, 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(118, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(118, 0, 0); box-shadow:4px  
4px 4px 4px rgb(118, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.6254, 33.6090, 12.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 0) }
```

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

```
.background{ background-color: rgb(118, 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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