

Converting Colors

HunterLab(19.7598, 30.6986,
11.7195)

Have a look what the booklet for
HunterLab(19.7598, 30.6986,
11.7195) contains.

HunterLab(19.8291, 30.6719, 11.8089)	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(19.8291, 30.6719,
11.8089)**

Conversions

Conversions Part 1

Format	Color
Hex	730C0B
RGB	115, 12, 11
RGB Percent	45%, 5%, 4%
CMY	0.5490, 0.9529, 0.9569
CMYK	0.00, 0.90, 0.90, 0.55
HSL	1°, 83%, 25%
HSV	1°, 90%, 45%
XYZ	7.2621, 3.9319, 0.6928
YIQ	42.6830, 61.7090, 21.5250

Conversions

Conversions Part 2

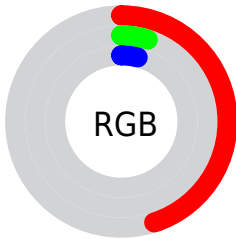
Format	Color
R_{YB}	115, 12, 11
Decimal	7539723
CIE _{Lab}	23.45, 42.14, 30.51
CIE _{LCh}	23, 52.030, 35.907
Yxy	3.9322, 0.6109, 0.3308
Android (android.graphics.Color)	4285729803 (0xFF730C0B)
YUV	42.6830, -15.6197, 63.4220
Hunter-Lab	19.8291, 30.6719, 11.8089

Details

The HunterLab color **19.8291, 30.6719, 11.8089** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **36.5254, -18.7217, -4.1494**, and the grayscale version is **15.4761, -0.8258, 0.8408**.

A 20% lighter version of the original color is **36.7713, 33.9483, 17.6253**, and **9.6426, 16.5133, 6.2308** is the 20% darker color. If you saturate the color by 10%, you get **19.1548, 32.4777, 12.3717**, and if you desaturate by 10%, it is **20.8169, 28.1746, 11.0859**.

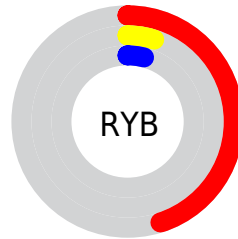
Distribution



Red (45%)

Green (5%)

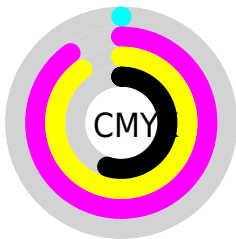
Blue (4%)



Red (45%)

Yellow (5%)

Blue (4%)

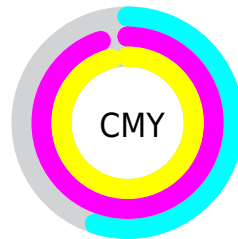


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (55%)



Cyan (55%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8291, 30.6719, 11.8089 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 19.8291, 30.6719, 11.8089 by changing the saturation by 10% instead.

■ 19.8291, 30.6719,
11.8089

■ 19.8291, 30.6719,
11.8089

■ 117.8815, 42.5297,
33.5573

■ 12.7894, 28.9013,
8.9526

■ 36.6857, 34.0781,
17.4770

■ 6.1765, 33.1083,
4.3235

■ 46.3216, 35.6107,
20.0525

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.6788, 37.0229,
22.4956

0.0000, NaN, NaN

■ 67.7102, 38.3212,
24.8371

0.0000, NaN, NaN

■ 79.3768, 39.5135,
27.0994


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.6458, 40.6076,


29.2989


0.0000, NaN, NaN


 104.4889, 41.6108,
31.4483


 19.8291, 30.6719,
11.8089


 19.8291, 30.6719,
11.8089


 19.1548, 32.4777,
12.3717

 20.8169, 28.1746,
11.0859

 22.2483, 24.8785,
10.1118

 24.0954, 21.0785,
8.9827

 26.3107, 17.0494,
7.7881

 28.8420, 12.9876,
6.5923

■ 31.6406, 9.0084,
5.4330

■ 34.6642, 5.1664,
4.3275

■ 37.8784, 1.4785,
3.2810

■ 41.2552, -2.0588,
2.2914

Harmonies

Analogous

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



19.8297, 39.9619, 3.8713



19.8291, 30.6719, 11.8089



19.8297, 13.1892, 13.8808

Triad

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



19.8297, 30.6695, 11.8092



19.8297, -22.1109, 9.7172



19.8297, 2.2207, -56.0242

Complementary

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



19.8291, 30.6719, 11.8089



36.5254, -18.7217, -4.1494

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.



19.8297, -12.1575, -48.8330



19.8291, 30.6719, 11.8089



19.8297, -23.3780, -2.1887

Square

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



19.8297, 30.6695, 11.8092



19.8297, -16.1162, 13.8808



19.8297, -20.3870, -25.0385



19.8297, 20.4995, -40.5090

Rectangle

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



19.8291, 30.6719, 11.8089



19.8297, 1.1937, 13.8808



19.8297, -20.3870, -25.0385



19.8297, -3.2156, -56.2760

Sweetspot

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



19.8297, 30.6695, 11.8092



43.4154, 10.6341, 6.8595



22.6317, 41.5086, -27.8192



20.6984, 5.8638, 3.5440



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.



19.8297, 30.6695, 11.8092



25.6097, 43.5388, 16.5428



26.8774, 12.1253, 16.0756



19.2511, 0.4929, 1.5774



20.4760, 34.7416, 13.2254



45.1201, 76.9693, 29.1503

Inverse Universe

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



36.5254, -18.7217, -4.1494



48.6904, -25.5003, -5.8109



22.0544, 1.9540, -29.9799



20.3702, -2.5210, 0.6028



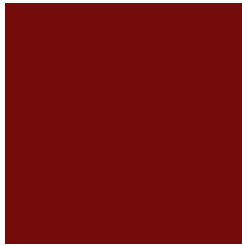
38.9115, -20.3837, -4.6334



85.8522, -44.9432, -10.2884

Previews

White Background



This preview shows how the HunterLab color 19.8291, 30.6719, 11.8089 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

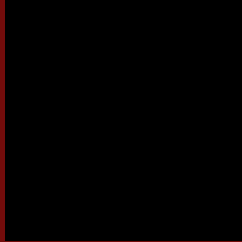
Any Text WCAG AA × Fail

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 19.8291, 30.6719, 11.8089 Background



This preview shows how black text looks on a background with the HunterLab color 19.8291, 30.6719, 11.8089.



This preview shows how white text looks on a background with the HunterLab color 19.8291, 30.6719,

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

19.8291, 30.6719, 11.8089

Protanopia

20.8334, -2.6486, 10.7720

Deuteranopia

20.6983, 0.3279, 12.7599



Tritanopia

19.8124, 30.6070, 12.0567

Trichromacy



Original Color

19.8291, 30.6719, 11.8089

Protanomaly

18.9241, 10.1332, 10.1769

Deuteranomaly

19.1055, 12.3504, 11.6325

Tritanomaly

19.8179, 30.6284, 11.9747

Monochromacy



Original Color

19.8291, 30.6719, 11.8089

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4828, 10.0062, 4.7514

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8291, 30.6719, 11.8089 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(115, 12, 11)` looks like.

```
.text, #text, p{  
  color:rgb(115, 12, 11)  
}
```

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(115, 12, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 12, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8291, 30.6719, 11.8089 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(115, 12, 11) }
```


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

```
.border{ border-color:rgb(115, 12, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 12, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 12, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 12, 11);  
box-shadow:4px 4px 4px 4px rgb(115, 12,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.8291, 30.6719, 11.8089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 12, 11) }
```

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

```
.background{ background-color: rgb(115, 12,  
11) }
```

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