

Converting Colors

HunterLab(47.8851, 18.9659,
29.8099)

Have a look what the booklet for
HunterLab(47.8851, 18.9659,
29.8099) contains.

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Color

**HunterLab(47.9780, 18.9046,
29.8593)**

Conversions

Conversions Part 1

Format	Color
Hex	C07101
RGB	192, 113, 1
RGB Percent	75%, 44%, 0%
CMY	0.2471, 0.5568, 0.9961
CMYK	0.00, 0.41, 0.99, 0.25
HSL	35°, 99%, 38%
HSV	35°, 99%, 75%
XYZ	27.6488, 23.0189, 3.0145
YIQ	123.8530, 83.0360, -18.0840

Conversions

Conversions Part 2

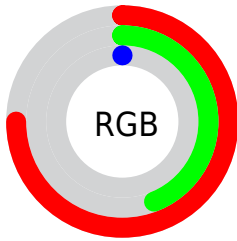
Format	Color
R_{YB}	136, 192, 1
Decimal	12611841
CIE _{Lab}	55.09, 24.86, 62.07
CIE _{LCh}	55, 66.862, 68.170
Yxy	23.0201, 0.5150, 0.4288
Android (android.graphics.Color)	4290801921 (0xFFC07101)
YUV	123.8530, -60.5665, 59.7649
Hunter-Lab	47.9780, 18.9046, 29.8593

Details

The HunterLab color **47.9780, 18.9046, 29.8593** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **30.9024, 17.5209, -76.3304**, and the grayscale version is **45.0449, -2.4035, 2.4474**.

A 20% lighter version of the original color is **69.5603, 20.2819, 38.6916**, and **29.2785, 17.9538, 18.3556** is the 20% darker color. If you saturate the color by 10%, you get **47.8802, 19.0942, 29.8379**, and if you desaturate by 10%, it is **49.9193, 15.2551, 30.2296**.

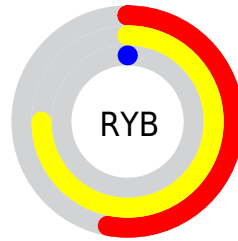
Distribution



Red (75%)

Green (44%)

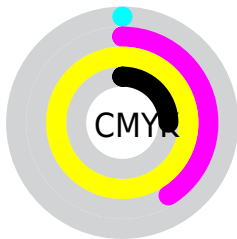
Blue (0%)



Red (53%)

Yellow (75%)

Blue (0%)

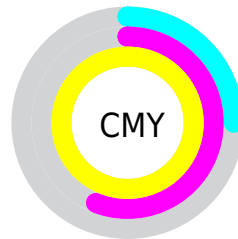


Cyan (0%)

Magenta (41%)

Yellow (99%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9780, 18.9046, 29.8593 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 47.9780, 18.9046, 29.8593 by changing the saturation by 10% instead.

47.9780, 18.9046,
29.8593

47.9780, 18.9046,
29.8593

163.6546, 22.1646,
65.0875

38.2209, 18.1142,
25.0447

69.5890, 20.1609,
38.7734

29.2318, 17.2029,
20.4623

81.3570, 20.6549,
42.9284

21.0846, 16.1506,
14.7592

93.7224, 21.0700,
46.9187

13.8774, 14.9429,
9.7142

106.6576, 21.4129,
50.7673

7.5089, 14.9138,
5.2562

120.1386, 21.6893,
54.4935

0.0000, INF, NaN

0.0000, NaN, NaN

134.1440, 21.9040,

58.1135

0.0000, NaN, NaN

148.6551, 22.0612,
61.6411

0.0000, NaN, NaN

47.9780, 18.9046,
29.8593

47.9780, 18.9046,
29.8593

47.8802, 19.0942,
29.8379

49.9193, 15.2551,
30.2296

51.9870, 11.8454,
30.0119

54.1855, 8.7415,
29.0728

56.5103, 5.9653,
27.4016

58.9554, 3.5243,
25.0147

■ 61.5144, 1.4166,
21.9435

■ 64.1808, -0.3667,
18.2277

■ 66.9478, -1.8388,
13.9108

■ 69.8092, -3.0156,
9.0372

Harmonies

Analogous

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



47.9793, 46.9239, 24.5631



47.9780, 18.9046, 29.8593



47.9793, -9.9028, 30.5695

Triad

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



47.9793, 18.9015, 29.8598



47.9793, -44.7339, -5.1648



47.9793, 35.0065, -56.7688

Complementary

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



47.9780, 18.9046, 29.8593



30.9024, 17.5209, -76.3304

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.



47.9793, 5.2472, -79.5267



47.9780, 18.9046, 29.8593



47.9793, -37.6778, -40.4594

Square

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



47.9793, 18.9015, 29.8598



47.9793, -42.6831, 17.8949



47.9793, -20.8118, -72.2879



47.9793, 57.5948, -20.3175

Rectangle

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



47.9780, 18.9046, 29.8593



47.9793, -25.2153, 29.2521



47.9793, -20.8118, -72.2879



47.9793, 25.2723, -67.0018

Sweetspot

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



47.9793, 18.9015, 29.8598



86.0262, -0.2716, 25.0765



34.3746, 60.4143, 8.9517



39.1336, 0.3310, 12.6307



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



47.9793, 18.9015, 29.8598



64.0554, 26.5422, 39.9353



68.5134, -24.0791, 41.7711



33.2224, -1.4396, 4.2741



39.4751, 15.2442, 24.5913



8.9809, 1.6226, 5.5624

Inverse Universe

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



30.9024, 17.5209, -76.3304



40.8260, 25.2921, -105.6273



19.8647, 52.8938, -135.6763



32.2754, -1.9352, -0.8762



25.5135, 13.9555, -62.0155



6.4575, 0.5797, -9.3229

Previews

White Background



This preview shows how the HunterLab color 47.9780, 18.9046, 29.8593 looks on a white background.

Color Contrast Check

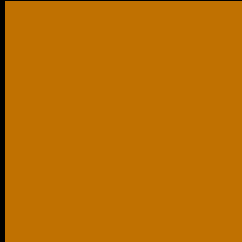
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.9780, 18.9046, 29.8593 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.9780, 18.9046, 29.8593 Background



This preview shows how black text looks on a background with the HunterLab color 47.9780, 18.9046, 29.8593.



This preview shows how white text looks on a background with the HunterLab color 47.9780, 18.9046,

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

47.9780, 18.9046, 29.8593

Protanopia

48.1655, -6.9526, 29.0013

Deuteranopia

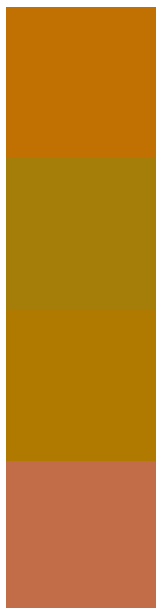
48.1011, 2.6484, 29.6861



Tritanopia

47.9908, 30.5650, 10.8057

Trichromacy



Original Color

47.9780, 18.9046, 29.8593

Protanomaly

47.8988, 2.0109, 29.1948

Deuteranomaly

47.8590, 8.5266, 29.6398

Tritanomaly

47.7442, 25.0110, 22.2441

Monochromacy



Original Color

47.9780, 18.9046, 29.8593

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.1520, 2.1147, 18.1461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9780, 18.9046, 29.8593 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(192, 113, 1)` looks like.

```
.text, #text, p{  
    color:rgb(192, 113, 1)  
}
```

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(192, 113, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 113, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9780, 18.9046, 29.8593 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(192, 113, 1) }
```


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

```
.border{ border-color:rgb(192, 113, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 113, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 113, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 113, 1);  
box-shadow:4px 4px 4px 4px rgb(192, 113,  
1) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9780, 18.9046, 29.8593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 113, 1) }
```

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

```
.background{ background-color: rgb(192,  
113, 1) }
```

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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