

Converting Colors

HunterLab(49.8448, 11.2663,
29.1113)

Have a look what the booklet for
HunterLab(49.8448, 11.2663,
29.1113) contains.

HunterLab(49.8448, 11.2663, 29.1113)	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(49.8448, 11.2663,
29.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	B97C22
RGB	185, 124, 34
RGB Percent	73%, 49%, 13%
CMY	0.2745, 0.5137, 0.8667
CMYK	0.00, 0.33, 0.82, 0.27
HSL	36°, 69%, 43%
HSV	36°, 82%, 73%
XYZ	27.5039, 24.8450, 4.8593
YIQ	131.9790, 65.2460, -15.0580

Conversions

Conversions Part 2

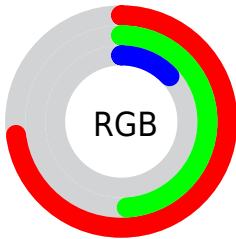
Format	Color
R _Y B	136, 185, 34
Decimal	12155938
CIE Lab	56.93, 16.38, 54.79
CIE LCh	57, 57.187, 73.351
Yxy	24.8463, 0.4808, 0.4343
Android (android.graphics.Color)	4290346018 (0xFFB97C22)
YUV	131.9790, -48.3036, 46.4994
Hunter-Lab	49.8448, 11.2663, 29.1113

Details

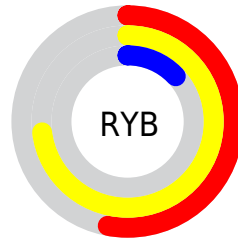
The HunterLab color **49.8448, 11.2663, 29.1113** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **34.6795, 8.8412, -56.9466**, and the grayscale version is **48.1946, -2.5715, 2.6185**.

A 20% lighter version of the original color is **71.7948, 11.3483, 36.9919**, and **30.8937, 11.0440, 19.2299** is the 20% darker color. If you saturate the color by 10%, you get **47.9208, 14.4916, 29.1996**, and if you desaturate by 10%, it is **51.8922, 8.3219, 28.3413**.

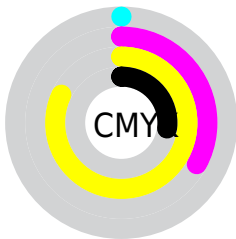
Distribution



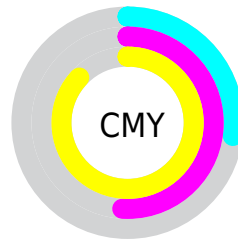
- Red (73%)
- Green (49%)
- Blue (13%)



- Red (53%)
- Yellow (73%)
- Blue (13%)



- Cyan (0%)
- Magenta (33%)
- Yellow (82%)
- Black (27%)



- Cyan (27%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8448, 11.2663, 29.1113 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 49.8448, 11.2663, 29.1113 by changing the saturation by 10% instead.

■ 49.8448, 11.2663,
29.1113

■ 49.8448, 11.2663,
29.1113

166.4547, 11.3411,
60.4716

■ 39.9532, 10.9075,
24.8391

■ 71.6992, 11.7178,
37.0012

■ 30.8183, 10.4486,
20.3791

■ 83.5789, 11.8344,
40.6836

■ 22.5104, 9.8688,
15.7573

■ 96.0506, 11.8865,
44.2268

■ 15.1220, 9.1437,
10.5854

■ 109.0876, 11.8797,
47.6519

■ 8.7560, 8.3759,
6.1292

■ 122.6662, 11.8182,
50.9759

0.0000, INF, NaN

0.0000, NaN, NaN

■ 136.7656, 11.7058,

54.2130

0.0000, NaN, NaN

151.3674, 11.5459,
57.3750

0.0000, NaN, NaN

■ 49.8448, 11.2663,
29.1113

■ 49.8448, 11.2663,
29.1113

■ 47.9208, 14.4916,
29.1996

■ 51.8922, 8.3219,
28.3413

■ 46.3944, 17.3525,
28.8918

■ 54.0557, 5.6898,
26.8696

■ 56.3317, 3.3768,
24.7062

■ 58.7147, 1.3824,
21.8769

■ 61.1986, -0.3004,
18.4170

■ 63.7777, -1.6830,
14.3662

■ 66.4463, -2.7799,
9.7660

■ 69.1989, -3.6068,
4.6572

■ 72.0302, -4.1803,
-0.9206

Harmonies

Analogous

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



49.8461, 35.5375, 24.4230



49.8448, 11.2663, 29.1113



49.8461, -12.8789, 29.3176

Triad

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



49.8461, 11.2636, 29.1118



49.8461, -40.0913, -8.5276



49.8461, 33.1444, -40.9390

Complementary

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



49.8448, 11.2663, 29.1113



34.6795, 8.8412, -56.9466

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.



49.8461, 8.4498, -61.7025



49.8448, 11.2663, 29.1113



49.8461, -31.9816, -37.8179

Square

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



49.8461, 11.2636, 29.1118



49.8461, -39.6240, 13.7253



49.8461, -15.2095, -60.3476



49.8461, 49.7154, -11.5775

Rectangle

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



49.8448, 11.2663, 29.1113



49.8461, -25.5842, 27.2204



49.8461, -15.2095, -60.3476



49.8461, 25.3356, -49.6633

Sweetspot

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



49.8461, 11.2636, 29.1118



84.3837, -1.7786, 20.8049



35.0997, 54.1860, 3.5074



38.6118, -0.5249, 10.5564



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



49.8461, 11.2636, 29.1118



62.1905, 23.0711, 38.5941



66.0537, -21.7082, 38.9634



31.4297, -1.4022, 4.0491



38.4736, 13.9232, 23.9510



7.9990, 1.0956, 4.9481

Inverse Universe

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



34.6795, 8.8412, -56.9466



39.1892, 23.7471, -99.8047



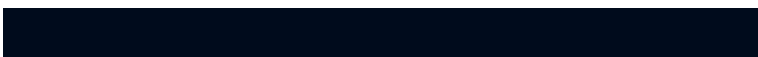
22.8943, 41.6620, -104.0281



30.4944, -1.7901, -0.8382



24.3345, 14.1237, -60.9049



5.7540, 0.2826, -7.8021

Previews

White Background



This preview shows how the HunterLab color 49.8448, 11.2663, 29.1113 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 49.8448, 11.2663, 29.1113 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 49.8448, 11.2663, 29.1113 Background



This preview shows how black text looks on a background with the HunterLab color 49.8448, 11.2663, 29.1113.



This preview shows how white text looks on a background with the HunterLab color 49.8448, 11.2663,

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

49.8448, 11.2663, 29.1113

Protanopia

49.8948, -6.4423, 28.5523

Deuteranopia

49.8346, 3.2069, 29.2217



Tritanopia

49.8931, 24.0190, 8.5041

Trichromacy



Original Color

49.8448, 11.2663, 29.1113

Protanomaly

49.6279, -0.2142, 28.5827

Deuteranomaly

49.8896, 6.1169, 29.2249

Tritanomaly

49.6390, 18.2207, 19.0845

Monochromacy



Original Color

49.8448, 11.2663, 29.1113

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.0878, 0.1973, 15.9907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8448, 11.2663, 29.1113 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(185, 124, 34)` looks like.

```
.text, #text, p{  
    color:rgb(185, 124, 34)  
}
```

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(185, 124, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 124, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8448, 11.2663, 29.1113 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(185, 124, 34) }
```


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

```
.border{ border-color:rgb(185, 124, 34) }
```

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

Here you see how a box with a 4 pixel rgb(185, 124, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 124, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 124, 34);  
box-shadow:4px 4px 4px 4px rgb(185, 124,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8448, 11.2663, 29.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 124, 34) }
```

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

```
.background{ background-color: rgb(185,  
124, 34) }
```

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