

# Converting Colors

HunterLab(54.9189, 29.2720,  
36.3663)

Have a look what the booklet for  
HunterLab(54.9189, 29.2720,  
36.3663) contains.

<b>HunterLab(54.9261, 30.0774, 34.3717)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(54.9261, 30.0774,  
34.3717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E47900
RGB	228, 121, 0
RGB Percent	89%, 47%, 0%
CMY	0.1059, 0.5255, 1.0000
CMYK	0.00, 0.47, 1.00, 0.11
HSL	32°, 100%, 45%
HSV	32°, 100%, 89%
XYZ	38.8323, 30.1688, 3.7765
YIQ	139.1990, 102.6130, -14.9470

# Conversions

## Conversions Part 2

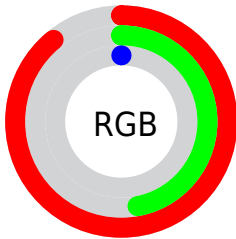
Format	Color
<a href="#">RYB</a>	202, 228, 0
Decimal	14973184
CIELab	61.80, 35.67, 68.91
CIELCh	62, 77.595, 62.636
Yxy	30.1704, 0.5336, 0.4145
Android (android.graphics.Color)	4293163264 (0xFFE47900)
YUV	139.1990, -68.6251, 77.8785
Hunter-Lab	54.9261, 30.0774, 34.3717

# Details

The HunterLab color **54.9261, 30.0774, 34.3717** 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 **40.1464, 15.3850, -83.3904**, and the grayscale version is **51.1287, -2.7281, 2.7779**.

A 20% lighter version of the original color is **72.0932, 16.1590, 39.9411**, and **35.1847, 28.2594, 22.1754** is the 20% darker color. If you saturate the color by 10%, you get **54.9265, 30.0759, 34.3720**, and if you desaturate by 10%, it is **57.4266, 24.9520, 34.9962**.

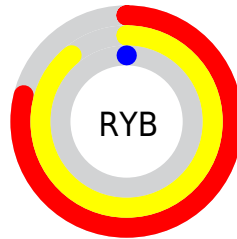
# Distribution



Red (89%)

Green (47%)

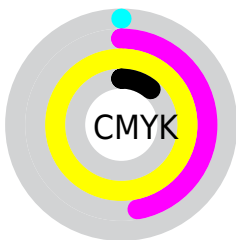
Blue (0%)



Red (79%)

Yellow (89%)

Blue (0%)

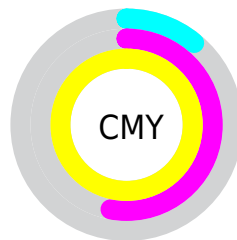


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.9261, 30.0774, 34.3717 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 54.9261, 30.0774, 34.3717 by changing the saturation by 10% instead.



54.9261, 30.0774,  
34.3717

54.9261, 30.0774,  
34.3717

173.9822, 36.5620,  
72.1308

44.6855, 28.8949,  
29.2845

77.4155, 32.1014,  
43.8576

35.1735, 27.5930,  
24.2493

89.5874, 32.9693,  
48.3027

26.4526, 26.1600,  
18.5168

102.3379, 33.7505,  
52.5819

18.6023, 24.5991,  
13.0216

115.6416, 34.4517,  
56.7162

11.7328, 22.9617,  
8.2130

129.4766, 35.0786,  
60.7238

4.4652, 35.3431,  
3.1256

143.8232, 35.6365,

0.0000, INF, NaN

64.6202

0.0000, NaN, NaN

158.6637, 36.1296,  
68.4188

0.0000, NaN, NaN

54.9261, 30.0774,  
34.3717

54.9261, 30.0774,  
34.3717

54.9265, 30.0759,  
34.3720

57.4266, 24.9520,  
34.9962

60.1293, 20.0897,  
34.8939

63.0345, 15.5884,  
33.9086

66.1320, 11.4876,  
32.0351

69.4096, 7.8030,  
29.3053

■ 72.8550, 4.5342,  
25.7700

■ 76.4561, 1.6696,  
21.4890

■ 80.2014, -0.8092,  
16.5243

■ 84.0801, -2.9245,  
10.9364

# Harmonies

## Analogous

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



54.9276, 62.8446, 26.9000



54.9261, 30.0774, 34.3717



54.9276, -5.8777, 35.7817

# Triad

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



54.9276, 30.0735, 34.3723



54.9276, -53.7679, 0.0834



54.9276, 36.4874, -78.1722

# Complementary

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



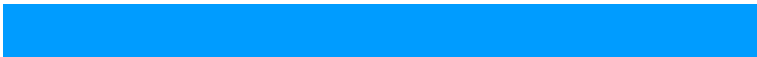
54.9261, 30.0774, 34.3717



40.1464, 15.3850, -83.3904

# 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.



54.9276, 0.0735, -100.8440



54.9261, 30.0774, 34.3717



54.9276, -47.4832, -41.6267

# Square

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



54.9276, 30.0735, 34.3723



54.9276, -49.3867, 24.4202



54.9276, -29.6166, -84.5447



54.9276, 67.1306, -33.4811



# Rectangle

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



54.9261, 30.0774, 34.3717



54.9276, -25.6796, 34.8587



54.9276, -29.6166, -84.5447



54.9276, 24.2466, -89.5257

# Sweetspot

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



54.9276, 30.0735, 34.3723



86.7234, 1.9531, 24.4968



41.9813, 74.5852, 6.2578



39.3108, 1.5182, 12.3300

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



54.9276, 30.0735, 34.3723



62.1939, 34.5212, 38.9279



84.4781, -24.1316, 51.6324



39.5323, -1.4202, 4.9808



42.0244, 22.2101, 26.2841



12.2095, 4.3451, 7.5995



# Inverse Universe

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



40.1464, 15.3850, -83.3904



45.3577, 17.9328, -95.4049



23.7196, 64.2324, -167.7270



38.7257, -2.6045, -0.9004



30.8854, 10.9026, -62.1397



9.4316, 0.9595, -13.8601



# Previews

## White Background



This preview shows how the HunterLab color 54.9261, 30.0774, 34.3717 looks on a white 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



# Black Background



This preview shows how the HunterLab color 54.9261, 30.0774, 34.3717 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 ✓ Pass

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

## HunterLab 54.9261, 30.0774, 34.3717 Background



This preview shows how black text looks on a background with the HunterLab color 54.9261, 30.0774, 34.3717.



This preview shows how white text looks on a background with the HunterLab color 54.9261, 30.0774,



# 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

54.9261, 30.0774, 34.3717

### Protanopia

55.0406, -7.5065, 33.1207

### Deuteranopia

54.9225, 3.5293, 33.9048



## Tritanopia

55.0655, 41.6429, 15.5276

# Trichromacy



## Original Color

54.9261, 30.0774, 34.3717

## Protanomaly

54.2577, 5.5022, 33.1496

## Deuteranomaly

54.5405, 13.0593, 33.8363

## Tritanomaly

54.7736, 36.1462, 26.9828

# Monochromacy



## Original Color

54.9261, 30.0774, 34.3717

## Achromatopsia

50.8117, -2.7112, 2.7607

## Achromatomaly

50.8577, 5.0872, 20.6640

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.9261, 30.0774, 34.3717 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(228, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 121, 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(228, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 121, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.9261, 30.0774, 34.3717 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(228, 121, 0) }
```



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

```
.border{ border-color:rgb(228, 121, 0) }
```

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

Here you see how a box with a 4 pixel rgb(228, 121, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 121,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.9261, 30.0774, 34.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 121, 0) }
```

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

```
.background{ background-color: rgb(228,  
121, 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](#).

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