

Converting Colors

HunterLab(54.0365, 21.8087,
33.6795)

Have a look what the booklet for
HunterLab(54.0365, 21.8087,
33.6795) contains.

| | |
|---|----|
| HunterLab(54.0535, 21.6216, 33.6861) | 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(54.0535, 21.6216,
33.6861)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D67E00 |
| RGB | 214, 126, 0 |
| RGB Percent | 84%, 49%, 0% |
| CMY | 0.1608, 0.5059, 1.0000 |
| CMYK | 0.00, 0.41, 1.00, 0.16 |
| HSL | 35°, 100%, 42% |
| HSV | 35°, 100%, 84% |
| XYZ | 35.1924, 29.2178, 3.7847 |
| YIQ | 137.9480, 92.8940, -20.5300 |

Conversions

Conversions Part 2

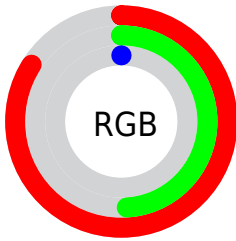
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 149, 214, 0 |
| Decimal | 14056960 |
| CIE _{Lab} | 60.97, 27.25, 67.44 |
| CIE _{LCh} | 61, 72.739, 67.997 |
| Yxy | 29.2194, 0.5160, 0.4285 |
| Android (android.graphics.Color) | 4292247040 (0xFFD67E00) |
| YUV | 137.9480, -68.0084, 66.6976 |
| Hunter-Lab | 54.0535, 21.6216, 33.6861 |

Details

The HunterLab color **54.0535, 21.6216, 33.6861** 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 **34.4013, 20.8841, -88.0806**, and the grayscale version is **50.6302, -2.7015, 2.7508**.

A 20% lighter version of the original color is **73.4455, 13.5636, 40.8166**, and **34.5560, 20.7358, 21.6563** is the 20% darker color. If you saturate the color by 10%, you get **54.0542, 21.6195, 33.6865**, and if you desaturate by 10%, it is **56.2366, 17.4638, 34.1894**.

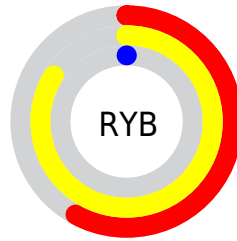
Distribution



Red (84%)

Green (49%)

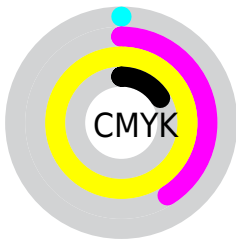
Blue (0%)



Red (58%)

Yellow (84%)

Blue (0%)

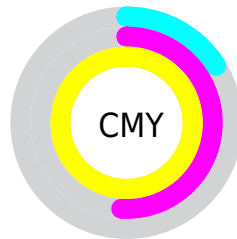


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.0535, 21.6216, 33.6861 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 54.0535, 21.6216, 33.6861 by changing the saturation by 10% instead.

■ 54.0535, 21.6216,
33.6861

■ 54.0535, 21.6216,
33.6861

172.6987, 25.3355,
70.8313

■ 43.8712, 20.7887,
28.6715

■ 76.4365, 22.9719,
43.0252

■ 34.4220, 19.8409,
23.7095

■ 88.5594, 23.5160,
47.3983

■ 25.7697, 18.7599,
18.0388

■ 101.2631, 23.9821,
51.6070

■ 17.9958, 17.5319,
12.5970

■ 114.5220, 24.3767,
55.6727

■ 11.2137, 16.1592,
7.8496

■ 128.3139, 24.7049,
59.6136

■ 3.2850, 35.9747,
2.2995

■ 142.6189, 24.9716,

0.0000, NaN, NaN

63.4451

0.0000, NaN, NaN

157.4192, 25.1806,
67.1806

0.0000, NaN, NaN

54.0535, 21.6216,
33.6861

54.0535, 21.6216,
33.6861

54.0542, 21.6195,
33.6865

56.2366, 17.4638,
34.1894

58.5630, 13.5748,
34.0288

61.0383, 10.0322,
33.0456

63.6576, 6.8631,
31.2228

66.4144, 4.0777,
28.5762

■ 69.3014, 1.6744,
25.1404

■ 72.3111, -0.3563,
20.9601

■ 75.4361, -2.0293,
16.0851

■ 78.6691, -3.3625,
10.5661

Harmonies

Analogous

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



54.0549, 53.3304, 27.6874



54.0535, 21.6216, 33.6861



54.0549, -11.0250, 34.5025

Triad

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



54.0549, 21.6181, 33.6866



54.0549, -50.5885, -5.6641



54.0549, 39.4822, -64.6155

Complementary

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



54.0535, 21.6216, 33.6861



34.4013, 20.8841, -88.0806

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.



54.0549, 5.7626, -90.2965



54.0535, 21.6216, 33.6861



54.0549, -42.6806, -45.6394

Square

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



54.0549, 21.6181, 33.6866



54.0549, -48.2138, 20.3273



54.0549, -23.6801, -81.8694



54.0549, 65.1743, -23.2712

Rectangle

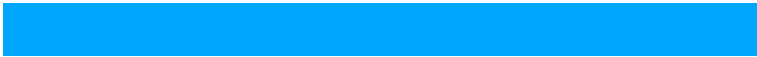
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.0535, 21.6216, 33.6861



54.0549, -28.3874, 33.0426



54.0549, -23.6801, -81.8694



54.0549, 28.4410, -76.1943

Sweetspot

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



54.0549, 21.6181, 33.6866



88.0686, -0.3660, 25.7276



38.7560, 68.2383, 10.5598



40.0141, 0.2960, 12.9515

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.0549, 21.6181, 33.6866



65.6650, 26.9007, 40.9334



77.3633, -27.2782, 47.1932



36.9105, -1.6051, 4.7884



42.2734, 16.2845, 26.3337



11.1315, 2.4880, 6.9027

Inverse Universe

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



34.4013, 20.8841, -88.0806



41.5857, 26.3217, -108.7995



22.3209, 59.9737, -154.1814



35.8316, -2.1395, -1.0204



27.1046, 15.4094, -67.1429



7.7716, 1.4666, -12.8798

Previews

White Background



This preview shows how the HunterLab color 54.0535, 21.6216, 33.6861 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 54.0535, 21.6216, 33.6861 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 54.0535, 21.6216, 33.6861 Background



This preview shows how black text looks on a background with the HunterLab color 54.0535, 21.6216, 33.6861.



This preview shows how white text looks on a background with the HunterLab color 54.0535, 21.6216,

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

54.0535, 21.6216, 33.6861

Protanopia

54.2519, -7.3563, 32.7653

Deuteranopia

54.1488, 3.7104, 33.4312



Tritanopia

54.1193, 35.0470, 12.3371

Trichromacy



Original Color

54.0535, 21.6216, 33.6861

Protanomaly

53.8223, 2.6519, 32.8952

Deuteranomaly

54.0354, 10.1222, 33.4736

Tritanomaly

53.6319, 28.5559, 25.1576

Monochromacy



Original Color

54.0535, 21.6216, 33.6861

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.8545, 2.3088, 20.6127

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.0535, 21.6216, 33.6861 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(214, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 126, 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(214, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 126, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 54.0535, 21.6216, 33.6861 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(214, 126, 0) }
```


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

```
.border{ border-color:rgb(214, 126, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 126, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 126,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.0535, 21.6216, 33.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 126, 0) }
```

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

```
.background{ background-color: rgb(214,  
126, 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