

Converting Colors

HunterLab(56.9450, 21.5260,
36.6730)

Have a look what the booklet for
HunterLab(56.9450, 21.5260,
36.6730) contains.

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Color

**HunterLab(56.9763, 21.9065,
35.4921)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8500
RGB	223, 133, 0
RGB Percent	87%, 52%, 0%
CMY	0.1255, 0.4784, 1.0000
CMYK	0.00, 0.40, 1.00, 0.13
HSL	36°, 100%, 44%
HSV	36°, 100%, 87%
XYZ	38.8189, 32.4630, 4.2199
YIQ	144.7480, 96.3330, -22.2830

Conversions

Conversions Part 2

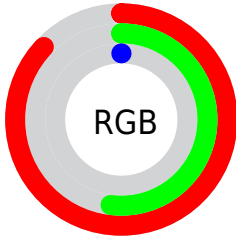
Format	Color
RYB	151, 223, 0
Decimal	14648576
CIELab	63.73, 27.33, 69.77
CIElCh	64, 74.933, 68.610
Yxy	32.4647, 0.5141, 0.4300
Android (android.graphics.Color)	4292838656 (0xFFDF8500)
YUV	144.7480, -71.3608, 68.6270
Hunter-Lab	56.9763, 21.9065, 35.4921

Details

The HunterLab color **56.9763, 21.9065, 35.4921** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **35.5530, 23.0106, -94.1106**, and the grayscale version is **53.3621, -2.8473, 2.8993**.

A 20% lighter version of the original color is **75.3961, 10.0324, 41.8131**, and **37.0993, 20.6770, 23.2224** is the 20% darker color. If you saturate the color by 10%, you get **56.9770, 21.9045, 35.4924**, and if you desaturate by 10%, it is **59.2408, 17.6154, 36.0370**.

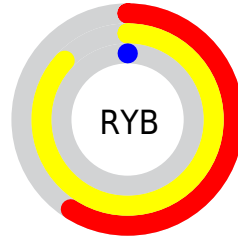
Distribution



Red (87%)

Green (52%)

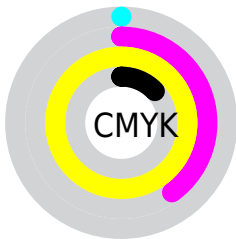
Blue (0%)



Red (59%)

Yellow (87%)

Blue (0%)

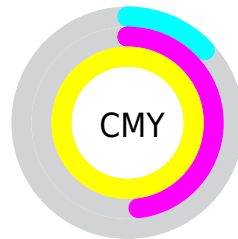


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.9763, 21.9065, 35.4921 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 56.9763, 21.9065, 35.4921 by changing the saturation by 10% instead.

56.9763, 21.9065,
35.4921

56.9763, 21.9065,
35.4921

176.9832, 25.4709,
73.4214

46.6012, 21.1002,
30.3980

79.7113, 23.2118,
45.0013

36.9444, 20.1829,
25.2308

91.9967, 23.7368,
49.4627

28.0657, 19.1365,
19.6460

104.8554, 24.1857,
53.7605

20.0406, 17.9464,
14.0284

118.2631, 24.5644,
57.9151

12.9717, 16.6073,
9.0802

132.1979, 24.8781,
61.9444

6.4218, 18.7358,
4.4952

146.6409, 25.1313,

0.0000, INF, NaN

65.8636

0.0000, NaN, NaN

161.5745, 25.3277,
69.6855

0.0000, NaN, NaN

56.9763, 21.9065,
35.4921

56.9763, 21.9065,
35.4921

56.9770, 21.9045,
35.4924

59.2408, 17.6154,
36.0370

61.6517, 13.6101,
35.8781

64.2148, 9.9691,
34.8538

66.9256, 6.7207,
32.9434

69.7777, 3.8758,
30.1611

■ 72.7640, 1.4329,
26.5414

■ 75.8770, -0.6178,
22.1301

■ 79.1093, -2.2914,
16.9784

■ 82.4534, -3.6066,
11.1392

Harmonies

Analogous

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



56.9778, 55.2683, 29.3177



56.9763, 21.9065, 35.4921



56.9778, -12.2044, 36.2805

Triad

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



56.9778, 21.9029, 35.4927



56.9778, -53.0558, -6.6590



56.9778, 42.0300, -66.7709

Complementary

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



56.9763, 21.9065, 35.4921



35.5530, 23.0106, -94.1106

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.



56.9778, 6.7360, -94.1928



56.9763, 21.9065, 35.4921



56.9778, -44.5156, -48.6532

Square

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



56.9778, 21.9029, 35.4927



56.9778, -50.7781, 20.9681



56.9778, -24.3210, -86.1508



56.9778, 68.6011, -23.4892

Rectangle

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



56.9763, 21.9065, 35.4921



56.9778, -30.2719, 34.6698



56.9778, -24.3210, -86.1508



56.9778, 30.5087, -79.0139

Sweetspot

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



56.9778, 21.9029, 35.4927



88.2463, -0.6698, 25.8892



40.5918, 71.4570, 11.1639



40.1071, 0.1359, 13.0332

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.9778, 21.9029, 35.4927



66.1404, 25.8950, 41.2088



81.0378, -28.5905, 49.4344



38.7984, -1.7224, 5.0705



43.9495, 16.2540, 27.3660



12.3007, 2.8109, 7.6288

Inverse Universe

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



35.5530, 23.0106, -94.1106



41.1129, 27.4399, -110.6225



23.3714, 62.8172, -161.6011



37.6123, -2.2096, -1.1185



27.6408, 16.7579, -70.7240



8.3774, 2.0694, -14.9384

Previews

White Background



This preview shows how the HunterLab color 56.9763, 21.9065, 35.4921 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 56.9763, 21.9065, 35.4921 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 56.9763, 21.9065, 35.4921 Background



This preview shows how black text looks on a background with the HunterLab color 56.9763, 21.9065, 35.4921.



This preview shows how white text looks on a background with the HunterLab color 56.9763, 21.9065,

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

56.9763, 21.9065, 35.4921

Protanopia

57.0939, -7.6793, 34.4958

Deuteranopia

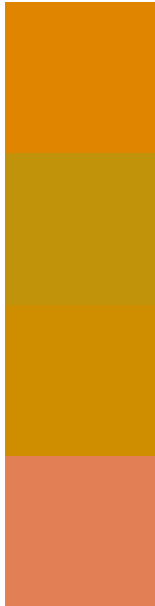
57.0992, 3.8600, 35.2518



Tritanopia

57.0988, 35.8656, 12.7700

Trichromacy



Original Color

56.9763, 21.9065, 35.4921

Protanomaly

56.6552, 2.4060, 34.6214

Deuteranomaly

56.9805, 10.3234, 35.2919

Tritanomaly

56.5715, 29.0831, 26.3609

Monochromacy



Original Color

56.9763, 21.9065, 35.4921

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

53.5786, 1.8204, 21.8422

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.9763, 21.9065, 35.4921 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(223, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 133, 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(223, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 133, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.9763, 21.9065, 35.4921 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(223, 133, 0) }
```


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

```
.border{ border-color:rgb(223, 133, 0) }
```

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

Here you see how a box with a 4 pixel rgb(223, 133, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 133, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 133, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 133,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.9763, 21.9065, 35.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 133, 0) }
```

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

```
.background{ background-color: rgb(223,  
133, 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](#).

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