

Converting Colors

HunterLab(52.5237, 21.3596,
32.7388)

Have a look what the booklet for
HunterLab(52.5237, 21.3596,
32.7388) contains.

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Color

**HunterLab(52.4160, 21.5169,
32.6752)**

Conversions

Conversions Part 1

Format	Color
Hex	D17A00
RGB	209, 122, 0
RGB Percent	82%, 48%, 0%
CMY	0.1804, 0.5215, 1.0000
CMYK	0.00, 0.42, 1.00, 0.18
HSL	35°, 100%, 41%
HSV	35°, 100%, 82%
XYZ	33.2540, 27.4744, 3.5504
YIQ	134.1050, 91.0140, -19.4980

Conversions

Conversions Part 2

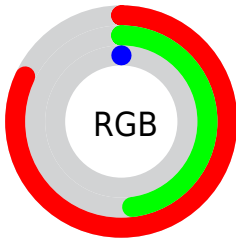
Format	Color
R_{YB}	149, 209, 0
Decimal	13728256
CIE Lab	59.41, 27.27, 66.12
CIE LCh	59, 71.526, 67.588
Yxy	27.4758, 0.5173, 0.4274
Android (android.graphics.Color)	4291918336 (0xFFD17A00)
YUV	134.1050, -66.1138, 65.6829
Hunter-Lab	52.4160, 21.5169, 32.6752

Details

The HunterLab color **52.4160, 21.5169, 32.6752** 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 **33.7935, 19.6537, -84.6647**, and the grayscale version is **49.0970, -2.6197, 2.6675**.

A 20% lighter version of the original color is **72.3530, 15.5943, 40.2429**, and **33.0615, 20.5908, 20.7328** is the 20% darker color. If you saturate the color by 10%, you get **52.4166, 21.5151, 32.6755**, and if you desaturate by 10%, it is **54.5552, 17.4279, 33.1556**.

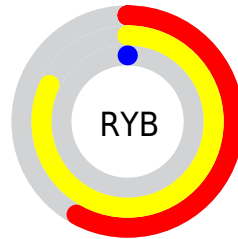
Distribution



Red (82%)

Green (48%)

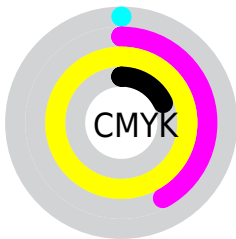
Blue (0%)



Red (58%)

Yellow (82%)

Blue (0%)

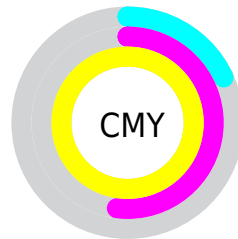


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4160, 21.5169, 32.6752 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 52.4160, 21.5169, 32.6752 by changing the saturation by 10% instead.

■ 52.4160, 21.5169,
32.6752

■ 52.4160, 21.5169,
32.6752

170.2803, 25.3388,
69.3721

■ 42.3449, 20.6656,
27.7059

■ 74.5966, 22.8986,
41.9169

■ 33.0157, 19.6972,
22.8814

■ 86.6262, 23.4563,
46.2395

■ 24.4947, 18.5932,
17.1463

■ 99.2409, 23.9349,
50.3973

■ 16.8672, 17.3407,
11.8070

■ 112.4146, 24.3410,
54.4121

■ 10.2536, 15.9489,
7.1775

■ 126.1246, 24.6800,
58.3024

0.0000, INF, NaN

0.0000, NaN, NaN

■ 140.3506, 24.9566,

62.0839

0.0000, NaN, NaN

155.0746, 25.1751,
65.7700

0.0000, NaN, NaN

52.4160, 21.5169,
32.6752

52.4160, 21.5169,
32.6752

52.4166, 21.5151,
32.6755

54.5552, 17.4279,
33.1556

56.8365, 13.5979,
32.9942

59.2652, 10.1043,
32.0340

61.8362, 6.9736,
30.2601

64.5427, 4.2157,
27.6893

■ 67.3775, 1.8290,
24.3562

■ 70.3330, -0.1960,
20.3053

■ 73.4018, -1.8739,
15.5852

■ 76.5766, -3.2224,
10.2459

Harmonies

Analogous

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



52.4174, 52.3031, 26.7655



52.4160, 21.5169, 32.6752



52.4174, -10.3282, 33.5108

Triad

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



52.4174, 21.5135, 32.6757



52.4174, -49.2217, -5.0692



52.4174, 38.0306, -63.4935

Complementary

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



52.4160, 21.5169, 32.6752



33.7935, 19.6537, -84.6647

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.



52.4174, 5.1793, -88.1750



52.4160, 21.5169, 32.6752



52.4174, -41.6794, -43.9196

Square

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



52.4174, 21.5135, 32.6757



52.4174, -46.7797, 19.9918



52.4174, -23.3572, -79.4795



52.4174, 63.2603, -23.2170

Rectangle

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



52.4160, 21.5169, 32.6752



52.4174, -27.3102, 32.1387



52.4174, -23.3572, -79.4795



52.4174, 27.2517, -74.6970

Sweetspot

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



52.4174, 21.5135, 32.6757



87.9509, -0.1646, 25.6205



37.7425, 66.4609, 10.2261



39.9526, 0.4021, 12.8974

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.4174, 21.5135, 32.6757



65.3523, 27.5669, 40.7524



75.3344, -26.5537, 45.9557



35.9699, -1.5424, 4.6454



41.3993, 16.3845, 25.7969



10.5502, 2.3371, 6.5419

Inverse Universe

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



33.7935, 19.6537, -84.6647



41.9020, 25.5825, -107.5991



21.7410, 58.4033, -150.0831



34.9494, -2.1091, -0.9684



26.8804, 14.6463, -65.2153



7.4771, 1.1657, -11.8622

Previews

White Background



This preview shows how the HunterLab color 52.4160, 21.5169, 32.6752 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 52.4160, 21.5169, 32.6752 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 52.4160, 21.5169, 32.6752 Background



This preview shows how black text looks on a background with the HunterLab color 52.4160, 21.5169, 32.6752.



This preview shows how white text looks on a background with the HunterLab color 52.4160, 21.5169,

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

52.4160, 21.5169, 32.6752

Protanopia

52.5978, -7.3160, 31.7299

Deuteranopia

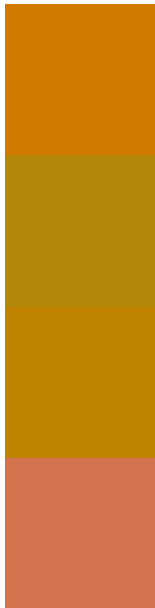
52.3756, 3.2923, 32.3313



Tritanopia

52.3082, 34.2390, 11.9616

Trichromacy



Original Color

52.4160, 21.5169, 32.6752

Protanomaly

52.1670, 2.6314, 31.8647

Deuteranomaly

52.2580, 9.6620, 32.3703

Tritanomaly

51.9980, 28.3695, 24.3190

Monochromacy



Original Color

52.4160, 21.5169, 32.6752

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.1917, 2.1646, 19.9910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.4160, 21.5169, 32.6752 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(209, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 122, 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(209, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 122, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.4160, 21.5169, 32.6752 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(209, 122, 0) }
```


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

```
.border{ border-color:rgb(209, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 122,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.4160, 21.5169, 32.6752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 122, 0) }
```

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

```
.background{ background-color: rgb(209,  
122, 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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