

Converting Colors

HunterLab(51.7596, 28.8695,
32.3996)

Have a look what the booklet for
HunterLab(51.7596, 28.8695,
32.3996) contains.

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Color

**HunterLab(51.7555, 28.8724,
32.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	D97200
RGB	217, 114, 0
RGB Percent	85%, 45%, 0%
CMY	0.1490, 0.5529, 1.0000
CMYK	0.00, 0.47, 1.00, 0.15
HSL	32°, 100%, 43%
HSV	32°, 100%, 85%
XYZ	34.6326, 26.7863, 3.3449
YIQ	131.8010, 97.9820, -13.6180

Conversions

Conversions Part 2

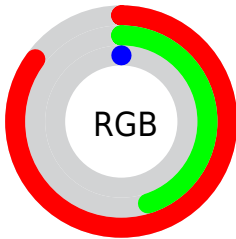
Format	Color
RYB	196, 217, 0
Decimal	14250496
CIELab	58.78, 34.81, 66.29
CIElCh	59, 74.870, 62.294
Yxy	26.7878, 0.5347, 0.4136
Android (android.graphics.Color)	4292440576 (0xFFD97200)
YUV	131.8010, -64.9779, 74.7195
Hunter-Lab	51.7555, 28.8724, 32.3970

Details

The HunterLab color **51.7555, 28.8724, 32.3970** 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 **38.3535, 13.7432, -77.6056**, and the grayscale version is **48.1793, -2.5707, 2.6177**.

A 20% lighter version of the original color is **70.2245, 19.7102, 38.9998**, and **32.6119, 26.9521, 20.5671** is the 20% darker color. If you saturate the color by 10%, you get **51.7563, 28.8701, 32.3974**, and if you desaturate by 10%, it is **54.1300, 23.9969, 32.9596**.

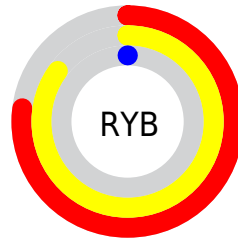
Distribution



Red (85%)

Green (45%)

Blue (0%)



Red (77%)

Yellow (85%)

Blue (0%)

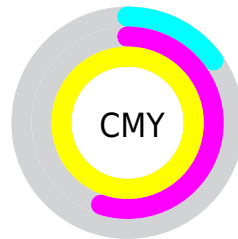


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7555, 28.8724, 32.3970 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 51.7555, 28.8724, 32.3970 by changing the saturation by 10% instead.

51.7555, 28.8724,
32.3970

51.7555, 28.8724,
32.3970

169.3009, 35.2935,
69.2562

41.7300, 27.6889,
27.4015

73.8533, 30.8915,
41.6868

32.4500, 26.3830,
22.6419

85.8449, 31.7540,
46.0304

23.9829, 24.9437,
16.7880

98.4232, 32.5285,
50.2073

16.4157, 23.3793,
11.4910

111.5621, 33.2218,
54.2394

9.8718, 21.7670,
6.9103

125.2387, 33.8401,
58.1457

0.0000, INF, NaN

0.0000, NaN, NaN

139.4325, 34.3885,

61.9419

0.0000, NaN, NaN

154.1254, 34.8716,
65.6416

0.0000, NaN, NaN

51.7555, 28.8724,
32.3970

51.7555, 28.8724,
32.3970

51.7563, 28.8701,
32.3974

54.1300, 23.9969,
32.9596

56.6985, 19.3642,
32.8453

59.4612, 15.0700,
31.9009

62.4079, 11.1521,
30.1238

65.5269, 7.6255,
27.5458

■ 68.8060, 4.4897,
24.2158

■ 72.2336, 1.7339,
20.1909

■ 75.7985, -0.6595,
15.5297

■ 79.4904, -2.7115,
10.2895

Harmonies

Analogous

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



51.7569, 59.7833, 25.2657



51.7555, 28.8724, 32.3970



51.7569, -5.1911, 33.7588

Triad

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



51.7569, 28.8687, 32.3976



51.7569, -50.8135, 0.4327



51.7569, 34.1531, -74.4954

Complementary

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



51.7555, 28.8724, 32.3970



38.3535, 13.7432, -77.6056

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.



51.7569, -0.2922, -95.6226



51.7555, 28.8724, 32.3970



51.7569, -44.9986, -38.9288

Square

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



51.7569, 28.8687, 32.3976



51.7569, -46.5623, 23.2315



51.7569, -28.2524, -79.7556



51.7569, 63.3163, -32.2111

Rectangle

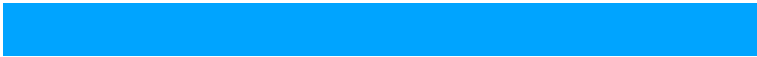
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.7555, 28.8724, 32.3970



51.7569, -23.9925, 32.9201



51.7569, -28.2524, -79.7556



51.7569, 22.5549, -85.1627

Sweetspot

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



51.7569, 28.8687, 32.3976



86.6003, 2.1671, 24.3835



39.7106, 70.5671, 5.7966



39.2465, 1.6310, 12.2729

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.7569, 28.8687, 32.3976



61.8881, 35.2174, 38.7517



79.8929, -22.8179, 48.8300



37.6537, -1.3306, 4.7155



40.5326, 21.8647, 25.3588



11.1199, 3.8356, 6.9192

Inverse Universe

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



38.3535, 13.7432, -77.6056



45.7192, 17.1734, -94.2175



22.4348, 60.7482, -158.5967



36.9208, -2.5060, -0.8228



30.1874, 9.9786, -59.2727



8.7300, 0.5483, -12.0954

Previews

White Background



This preview shows how the HunterLab color 51.7555, 28.8724, 32.3970 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 51.7555, 28.8724, 32.3970 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 51.7555, 28.8724, 32.3970 Background



This preview shows how black text looks on a background with the HunterLab color 51.7555, 28.8724, 32.3970.



This preview shows how white text looks on a background with the HunterLab color 51.7555, 28.8724,

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

51.7555, 28.8724, 32.3970

Protanopia

51.8298, -7.0847, 31.1586

Deuteranopia

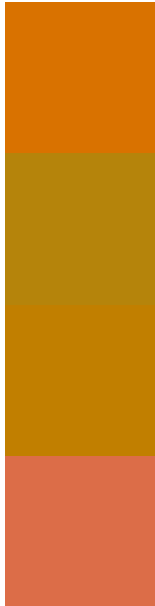
51.8764, 2.9950, 32.0185



Tritanopia

51.8387, 39.9704, 14.7741

Trichromacy



Original Color

51.7555, 28.8724, 32.3970

Protanomaly

51.3327, 5.3340, 31.3587

Deuteranomaly

51.4939, 12.4286, 31.9479

Tritanomaly

51.5954, 34.7854, 25.3566

Monochromacy



Original Color

51.7555, 28.8724, 32.3970

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.0561, 5.1893, 19.3545

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7555, 28.8724, 32.3970 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(217, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 114, 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(217, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 114, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7555, 28.8724, 32.3970 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(217, 114, 0) }
```


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

```
.border{ border-color:rgb(217, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 114,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7555, 28.8724, 32.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 114, 0) }
```

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

```
.background{ background-color: rgb(217,  
114, 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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