

Converting Colors

HunterLab(50.0786, 22.9390,
31.2598)

Have a look what the booklet for
HunterLab(50.0786, 22.9390,
31.2598) contains.

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Color

**HunterLab(50.0987, 22.8951,
31.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7300
RGB	204, 115, 0
RGB Percent	80%, 45%, 0%
CMY	0.2000, 0.5490, 1.0000
CMYK	0.00, 0.44, 1.00, 0.20
HSL	34°, 100%, 40%
HSV	34°, 100%, 80%
XYZ	31.0325, 25.0988, 3.2090
YIQ	128.5010, 89.9590, -16.8970

Conversions

Conversions Part 2

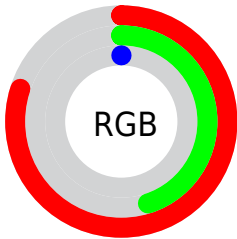
Format	Color
RYB	158, 204, 0
Decimal	13398784
CIELab	57.17, 28.90, 64.38
CIELCh	57, 70.567, 65.828
Yxy	25.1001, 0.5229, 0.4230
Android (android.graphics.Color)	4291588864 (0xFFCC7300)
YUV	128.5010, -63.3510, 66.2126
Hunter-Lab	50.0987, 22.8951, 31.2714

Details

The HunterLab color **50.0987, 22.8951, 31.2714** 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 **33.9182, 16.8015, -78.6637**, and the grayscale version is **46.8749, -2.5011, 2.5468**.

A 20% lighter version of the original color is **70.4773, 19.1453, 39.2957**, and **31.2027, 21.3423, 19.6006** is the 20% darker color. If you saturate the color by 10%, you get **50.0993, 22.8933, 31.2717**, and if you desaturate by 10%, it is **52.2311, 18.7326, 31.7395**.

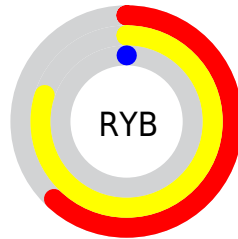
Distribution



Red (80%)

Green (45%)

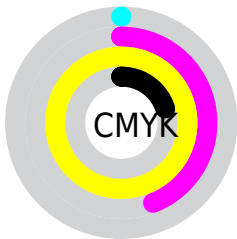
Blue (0%)



Red (62%)

Yellow (80%)

Blue (0%)

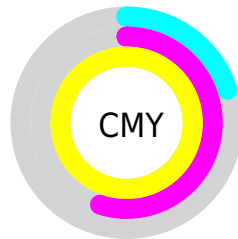


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0987, 22.8951, 31.2714 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 50.0987, 22.8951, 31.2714 by changing the saturation by 10% instead.

50.0987, 22.8951,
31.2714

50.0987, 22.8951,
31.2714

166.8341, 27.4287,
67.3911

40.1891, 21.9454,
26.3583

71.9859, 24.4595,
40.3904

31.0347, 20.8737,
21.7243

83.8805, 25.1021,
44.6484

22.7054, 19.6628,
15.8938

96.3666, 25.6619,
48.7407

15.2928, 18.3060,
10.7050

109.4172, 26.1459,
52.6897

8.9111, 16.9344,
6.2378

123.0089, 26.5599,
56.5144

0.0000, INF, NaN

0.0000, NaN, NaN

137.1210, 26.9089,

60.2308

0.0000, NaN, NaN

151.7350, 27.1973,
63.8526

0.0000, NaN, NaN

50.0987, 22.8951,
31.2714

50.0987, 22.8951,
31.2714

50.0993, 22.8933,
31.2717

52.2311, 18.7326,
31.7395

54.5141, 14.8142,
31.5882

56.9515, 11.2202,
30.6630

59.5371, 7.9784,
28.9545

62.2630, 5.0991,
26.4835

■ 65.1208, 2.5805,
23.2879

■ 68.1020, 0.4130,
19.4140

■ 71.1986, -1.4184,
14.9117

■ 74.4028, -2.9317,
9.8309

Harmonies

Analogous

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



50.1000, 52.4798, 25.2293



50.0987, 22.8951, 31.2714



50.1000, -8.3383, 32.2478

Triad

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



50.1000, 22.8918, 31.2719



50.1000, -47.7377, -3.1026



50.1000, 35.2845, -64.2484

Complementary

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



50.0987, 22.8951, 31.2714



33.9182, 16.8015, -78.6637

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.



50.1000, 3.2497, -86.8818



50.0987, 22.8951, 31.2714



50.1000, -41.0493, -40.5780

Square

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



50.1000, 22.8918, 31.2719



50.1000, -44.8245, 20.2492



50.1000, -23.9629, -76.3517



50.1000, 60.7216, -24.9752

Rectangle

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



50.0987, 22.8951, 31.2714



50.1000, -25.1877, 31.1108



50.1000, -23.9629, -76.3517



50.1000, 24.6816, -74.8469

Sweetspot

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



50.1000, 22.8918, 31.2719



87.4864, 0.6332, 25.1965



36.8872, 65.2548, 7.6698



39.7096, 0.8225, 12.6833

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1000, 22.8918, 31.2719



64.1344, 30.1991, 40.0480



73.9108, -23.5894, 45.1304



34.9934, -1.4133, 4.4603



39.9828, 17.6517, 24.9462



9.8696, 2.3911, 6.1235

Inverse Universe

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



33.9182, 16.8015, -78.6637



43.1770, 22.6727, -102.9114



21.0372, 56.7474, -147.0449



34.1112, -2.1451, -0.8674



27.2376, 12.6091, -61.2640



7.2994, 0.6642, -10.5574

Previews

White Background



This preview shows how the HunterLab color 50.0987, 22.8951, 31.2714 looks on a white background.

Color Contrast Check

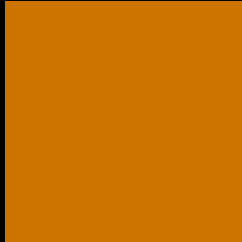
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0987, 22.8951, 31.2714 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 50.0987, 22.8951, 31.2714 Background



This preview shows how black text looks on a background with the HunterLab color 50.0987, 22.8951, 31.2714.



This preview shows how white text looks on a background with the HunterLab color 50.0987, 22.8951,

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

50.0987, 22.8951, 31.2714

Protanopia

50.1826, -7.0769, 30.2192

Deuteranopia

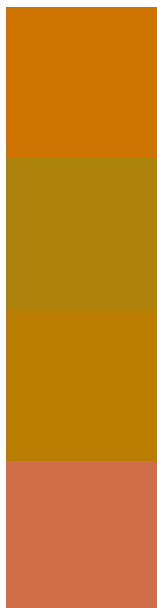
50.2307, 2.9684, 31.0039



Tritanopia

50.1628, 34.4986, 12.3432

Trichromacy



Original Color

50.0987, 22.8951, 31.2714

Protanomaly

49.8712, 3.1757, 30.4446

Deuteranomaly

49.9815, 10.1765, 30.9765

Tritanomaly

49.8982, 28.9780, 23.7646

Monochromacy



Original Color

50.0987, 22.8951, 31.2714

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.0026, 2.9687, 18.9453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0987, 22.8951, 31.2714 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(204, 115, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 115, 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(204, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 115, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0987, 22.8951, 31.2714 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(204, 115, 0) }
```


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

```
.border{ border-color:rgb(204, 115, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 115, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 115, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 115,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0987, 22.8951, 31.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 115, 0) }
```

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

```
.background{ background-color: rgb(204,  
115, 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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