

Converting Colors

HunterLab(50.3989, 42.8498,
31.0276)

Have a look what the booklet for
HunterLab(50.3989, 42.8498,
31.0276) contains.

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Color

**HunterLab(50.4211, 42.8705,
31.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	E66114
RGB	230, 97, 20
RGB Percent	90%, 38%, 8%
CMY	0.0980, 0.6196, 0.9216
CMYK	0.00, 0.58, 0.91, 0.10
HSL	22°, 84%, 49%
HSV	22°, 91%, 90%
XYZ	37.0341, 25.4229, 3.6170
YIQ	127.9890, 103.9850, 4.2490

Conversions

Conversions Part 2

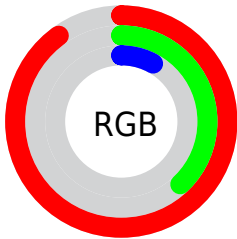
Format	Color
R_{YB}	230, 142, 20
Decimal	15098132
CIE _{Lab}	57.49, 48.44, 62.41
CIE _{LCh}	57, 79.002, 52.179
Yxy	25.4243, 0.5605, 0.3848
Android (android.graphics.Color)	4293288212 (0xFFE66114)
YUV	127.9890, -53.2386, 89.4636
Hunter-Lab	50.4211, 42.8705, 31.0415

Details

The HunterLab color **50.4211, 42.8705, 31.0415** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **53.5188, -7.0684, -50.0807**, and the grayscale version is **46.6317, -2.4881, 2.5336**.

A 20% lighter version of the original color is **66.2580, 28.3847, 35.3682**, and **31.3604, 39.5464, 20.0165** is the 20% darker color. If you saturate the color by 10%, you get **48.1834, 48.4134, 30.5379**, and if you desaturate by 10%, it is **53.3778, 36.3937, 30.9892**.

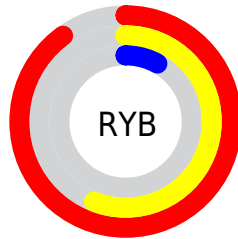
Distribution



Red (90%)

Green (38%)

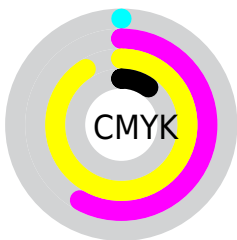
Blue (8%)



Red (90%)

Yellow (56%)

Blue (8%)

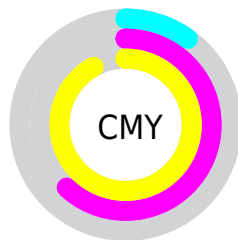


Cyan (0%)

Magenta (58%)

Yellow (91%)

Black (10%)



Cyan (10%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4211, 42.8705, 31.0415 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 50.4211, 42.8705, 31.0415 by changing the saturation by 10% instead.

50.4211, 42.8705,
31.0415

50.4211, 42.8705,
31.0415

167.3154, 53.7242,
66.1377

40.4888, 41.1592,
26.2659

72.3497, 45.9417,
39.8951

31.3098, 39.3428,
21.6221

84.2634, 47.3192,
44.0288

22.9533, 37.4436,
16.0673

96.7675, 48.5982,
48.0027

15.5102, 35.5548,
10.8572

109.8354, 49.7852,
51.8389

9.1039, 34.0630,
6.3727

123.4438, 50.8861,
55.5561

0.0000, INF, NaN

0.0000, NaN, NaN

137.5719, 51.9063,

59.1699

0.0000, NaN, NaN

152.2013, 52.8509,
62.6934

0.0000, NaN, NaN

50.4211, 42.8705,
31.0415

50.4211, 42.8705,
31.0415

48.1834, 48.4134,
30.5379

53.3778, 36.3937,
30.9892

56.7220, 30.0599,
30.0898

60.4214, 24.0069,
28.3766

64.4408, 18.3163,
25.9238

68.7467, 13.0249,
22.8196

■ 73.3080, 8.1383,
19.1510

■ 78.0975, 3.6430,
14.9973

■ 83.0910, -0.4852,
10.4272

■ 88.2678, -4.2759,
5.4987

Harmonies

Analogous

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



50.4225, 71.3234, 20.7445



50.4211, 42.8705, 31.0415



50.4225, 6.3165, 33.4774

Triad

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



50.4225, 42.8662, 31.0421



50.4225, -51.7282, 10.3476



50.4225, 23.8165, -92.4626

Complementary

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



50.4211, 42.8705, 31.0415



53.5188, -7.0684, -50.0807

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.



50.4225, -11.1114, -102.5156



50.4211, 42.8705, 31.0415



50.4225, -49.3304, -26.0760

Square

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



50.4225, 42.8662, 31.0421



50.4225, -43.9481, 27.6258



50.4225, -36.2466, -72.9343



50.4225, 58.4852, -50.6887

Rectangle

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



50.4211, 42.8705, 31.0415



50.4225, -15.4985, 33.3574



50.4225, -36.2466, -72.9343



50.4225, 11.5333, -100.4224

Sweetspot

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



50.4225, 42.8662, 31.0421



84.6154, 6.9999, 19.6529



44.2981, 78.1502, -11.6724



38.3015, 4.0587, 9.8136

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4225, 42.8662, 31.0421



54.0167, 54.8323, 34.2448



76.8858, -9.4620, 46.7005



39.0244, -0.5620, 4.4311



36.5476, 35.6348, 23.1443



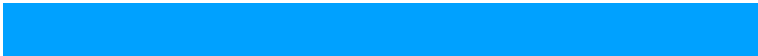
10.7681, 7.5643, 6.7677

Inverse Universe

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



53.5188, -7.0684, -50.0807



57.3430, -4.2222, -62.5594



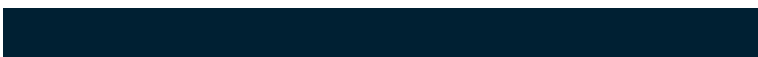
28.2420, 49.3545, -138.8962



39.2443, -3.4535, -0.2691



38.8004, -3.5112, -40.9176



11.3499, -2.2145, -9.4060

Previews

White Background



This preview shows how the HunterLab color 50.4211, 42.8705, 31.0415 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 50.4211, 42.8705, 31.0415 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 50.4211, 42.8705, 31.0415 Background



This preview shows how black text looks on a background with the HunterLab color 50.4211, 42.8705, 31.0415.



This preview shows how white text looks on a background with the HunterLab color 50.4211, 42.8705,

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

50.4211, 42.8705, 31.0415

Protanopia

50.6281, -6.8372, 29.5590

Deuteranopia

50.3454, 3.3538, 31.0813



Tritanopia

50.3117, 50.4859, 18.8445

Trichromacy



Original Color

50.4211, 42.8705, 31.0415

Protanomaly

49.5598, 10.2786, 29.4780

Deuteranomaly

49.8107, 17.2593, 30.7560

Tritanomaly

50.2344, 46.8066, 25.3190

Monochromacy



Original Color

50.4211, 42.8705, 31.0415

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.3068, 10.2489, 16.6124

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4211, 42.8705, 31.0415 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(230, 97, 20)` looks like.

```
.text, #text, p{  
    color:rgb(230, 97, 20)  
}
```

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(230, 97, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 97, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4211, 42.8705, 31.0415 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(230, 97, 20) }
```


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

```
.border{ border-color:rgb(230, 97, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 97, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 97, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 97, 20);  
box-shadow:4px 4px 4px 4px rgb(230, 97,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4211, 42.8705, 31.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 97, 20) }
```

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

```
.background{ background-color: rgb(230, 97,  
20) }
```

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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