

Converting Colors

HunterLab(51.8559, 30.4032,
32.4856)

Have a look what the booklet for
HunterLab(51.8559, 30.4032,
32.4856) contains.

HunterLab(51.8366, 30.2171, 32.4705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.8366, 30.2171,
32.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7100
RGB	219, 113, 0
RGB Percent	86%, 44%, 0%
CMY	0.1412, 0.5568, 1.0000
CMYK	0.00, 0.48, 1.00, 0.14
HSL	31°, 100%, 43%
HSV	31°, 100%, 86%
XYZ	35.1185, 26.8703, 3.3355
YIQ	131.8120, 99.4490, -12.6710

Conversions

Conversions Part 2

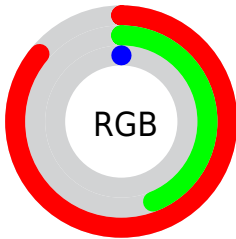
Format	Color
RYB	205, 219, 0
Decimal	14381312
CIELab	58.86, 36.14, 66.48
CIElCh	59, 75.665, 61.473
Yxy	26.8718, 0.5376, 0.4113
Android (android.graphics.Color)	4292571392 (0xFFDB7100)
YUV	131.8120, -64.9833, 76.4639
Hunter-Lab	51.8366, 30.2171, 32.4705

Details

The HunterLab color **51.8366, 30.2171, 32.4705** 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 **39.2712, 12.8187, -76.7568**, and the grayscale version is **48.1833, -2.5709, 2.6179**.

A 20% lighter version of the original color is **69.9641, 20.2309, 38.8313**, and **32.7462, 28.1778, 20.6713** is the 20% darker color. If you saturate the color by 10%, you get **51.8373, 30.2148, 32.4709**, and if you desaturate by 10%, it is **54.2535, 25.1966, 33.0475**.

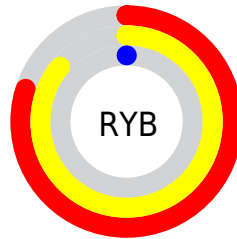
Distribution



Red (86%)

Green (44%)

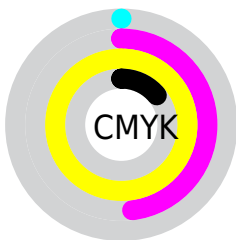
Blue (0%)



Red (80%)

Yellow (86%)

Blue (0%)

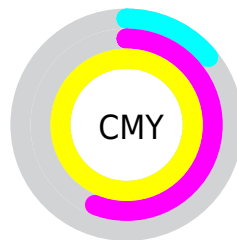


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8366, 30.2171, 32.4705 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 51.8366, 30.2171, 32.4705 by changing the saturation by 10% instead.

51.8366, 30.2171,
32.4705

51.8366, 30.2171,
32.4705

169.4213, 37.0704,
69.4152

41.8055, 28.9804,
27.4646

73.9446, 32.3402,
41.7812

32.5194, 27.6214,
22.6982

85.9409, 33.2532,
46.1349

24.0456, 26.1311,
16.8319

98.5237, 34.0768,
50.3216

16.4710, 24.5225,
11.5297

111.6669, 34.8181,
54.3633

9.9185, 22.8863,
6.9430

125.3476, 35.4831,
58.2788

0.0000, INF, NaN

0.0000, NaN, NaN

139.5454, 36.0772,

62.0839

0.0000, NaN, NaN

154.2421, 36.6049,
65.7922

0.0000, NaN, NaN

51.8366, 30.2171,
32.4705

51.8366, 30.2171,
32.4705

51.8373, 30.2148,
32.4709

54.2535, 25.1966,
33.0475

56.8749, 20.4141,
32.9392

59.7003, 15.9698,
31.9928

62.7183, 11.9043,
30.2079

65.9160, 8.2342,
27.6188

■ 69.2805, 4.9594,
24.2771

■ 72.7991, 2.0691,
20.2421

■ 76.4601, -0.4547,
15.5744

■ 80.2524, -2.6336,
10.3325

Harmonies

Analogous

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



51.8380, 61.2610, 25.1053



51.8366, 30.2171, 32.4705



51.8380, -4.3498, 33.9134

Triad

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



51.8380, 30.2133, 32.4711



51.8380, -51.2548, 1.2857



51.8380, 33.6521, -76.6631

Complementary

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



51.8366, 30.2171, 32.4705



39.2712, 12.8187, -76.7568

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.



51.8380, -1.1685, -97.2392



51.8366, 30.2171, 32.4705



51.8380, -45.6889, -38.2744

Square

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



51.8380, 30.2133, 32.4711



51.8380, -46.6992, 23.7953



51.8380, -29.1321, -80.1020



51.8380, 63.5631, -33.8924

Rectangle

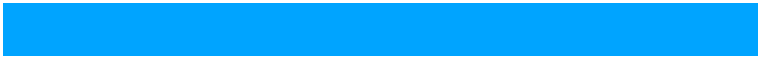
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.8366, 30.2171, 32.4705



51.8380, -23.5298, 33.1464



51.8380, -29.1321, -80.1020



51.8380, 21.8811, -87.2696

Sweetspot

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



51.8380, 30.2133, 32.4711



86.3851, 2.5421, 24.1851



40.2182, 71.6463, 4.4979



39.1342, 1.8287, 12.1728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8380, 30.2133, 32.4711



61.3587, 36.4331, 38.4468



81.0695, -21.7746, 49.5733



37.6261, -1.2842, 4.6858



40.1919, 22.6367, 25.1624



11.0402, 4.0004, 6.8729

Inverse Universe

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



39.2712, 12.8187, -76.7568



46.3576, 15.8497, -92.1578



22.6155, 61.3422, -160.6865



36.9488, -2.5520, -0.7886



30.5969, 9.1476, -57.9904



8.8236, 0.3828, -11.8551

Previews

White Background



This preview shows how the HunterLab color 51.8366, 30.2171, 32.4705 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 51.8366, 30.2171, 32.4705 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 51.8366, 30.2171, 32.4705 Background



This preview shows how black text looks on a background with the HunterLab color 51.8366, 30.2171, 32.4705.



This preview shows how white text looks on a background with the HunterLab color 51.8366, 30.2171,

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

51.8366, 30.2171, 32.4705

Protanopia

52.1206, -7.5196, 31.2840

Deuteranopia

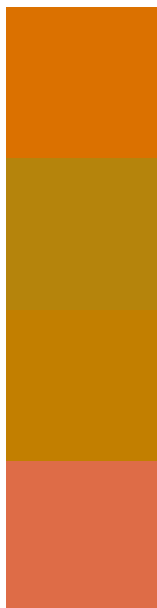
51.9916, 3.3822, 32.0962



Tritanopia

51.9240, 41.1677, 15.2121

Trichromacy



Original Color

51.8366, 30.2171, 32.4705

Protanomaly

51.3350, 5.3464, 31.3243

Deuteranomaly

51.6218, 12.8353, 32.0338

Tritanomaly

51.6814, 36.0519, 25.6381

Monochromacy



Original Color

51.8366, 30.2171, 32.4705

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.1662, 5.5543, 19.4525

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8366, 30.2171, 32.4705 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(219, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 113, 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(219, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 113, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8366, 30.2171, 32.4705 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(219, 113, 0) }
```


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

```
.border{ border-color:rgb(219, 113, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 113, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 113, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 113, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 113,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8366, 30.2171, 32.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 113, 0) }
```

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

```
.background{ background-color: rgb(219,  
113, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor