

Converting Colors

HunterLab(51.1306, 31.9695,
32.0661)

Have a look what the booklet for
HunterLab(51.1306, 31.9695,
32.0661) contains.

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Color

**HunterLab(51.1976, 31.6970,
32.1026)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6E00
RGB	219, 110, 0
RGB Percent	86%, 43%, 0%
CMY	0.1412, 0.5686, 1.0000
CMYK	0.00, 0.50, 1.00, 0.14
HSL	30°, 100%, 43%
HSV	30°, 100%, 86%
XYZ	34.7894, 26.2119, 3.2258
YIQ	130.0510, 100.2740, -11.1020

Conversions

Conversions Part 2

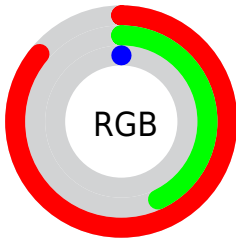
Format	Color
RYB	217, 219, 0
Decimal	14380544
CIELab	58.24, 37.67, 66.11
CIELCh	58, 76.088, 60.326
Yxy	26.2134, 0.5416, 0.4081
Android (android.graphics.Color)	4292570624 (0xFFDB6E00)
YUV	130.0510, -64.1151, 78.0083
Hunter-Lab	51.1976, 31.6970, 32.1026

Details

The HunterLab color **51.1976, 31.6970, 32.1026** 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 **40.0646, 11.2176, -74.2921**, and the grayscale version is **47.4852, -2.5337, 2.5800**.

A 20% lighter version of the original color is **69.1807, 21.7488, 38.4585**, and **32.0874, 29.8977, 20.2955** is the 20% darker color. If you saturate the color by 10%, you get **51.1982, 31.6951, 32.1029**, and if you desaturate by 10%, it is **53.6373, 26.5489, 32.6819**.

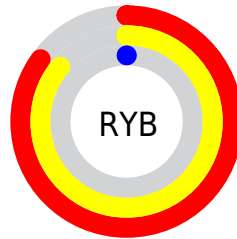
Distribution



Red (86%)

Green (43%)

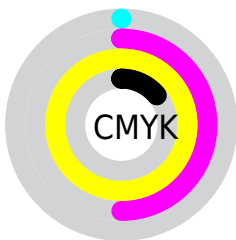
Blue (0%)



Red (85%)

Yellow (86%)

Blue (0%)

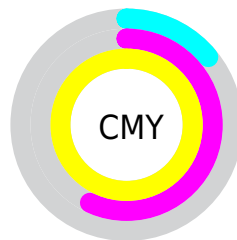


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1976, 31.6970, 32.1026 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 51.1976, 31.6970, 32.1026 by changing the saturation by 10% instead.

51.1976, 31.6970,
32.1026

51.1976, 31.6970,
32.1026

168.4720, 39.0982,
68.9446

41.2108, 30.3912,
27.1049

73.2250, 33.9540,
41.3939

31.9728, 28.9634,
22.3810

85.1841, 34.9312,
45.7366

23.5517, 27.4073,
16.4862

97.7316, 35.8173,
49.9118

16.0360, 25.7450,
11.2252

110.8409, 36.6192,
53.9416

9.5518, 24.0965,
6.6863

124.4891, 37.3432,
57.8449

0.0000, INF, NaN

0.0000, NaN, NaN

138.6555, 37.9947,

61.6378

0.0000, NaN, NaN

153.3220, 38.5783,
65.3339

0.0000, NaN, NaN

51.1976, 31.6970,
32.1026

51.1976, 31.6970,
32.1026

51.1982, 31.6951,
32.1029

53.6373, 26.5489,
32.6819

56.2942, 21.6257,
32.5771

59.1664, 17.0339,
31.6364

62.2409, 12.8176,
29.8631

65.5035, 8.9957,
27.2948

■ 68.9402, 5.5691,
23.9863

■ 72.5370, 2.5271,
19.9990

■ 76.2813, -0.1485,
15.3951

■ 80.1613, -2.4800,
10.2340

Harmonies

Analogous

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



51.1990, 62.4775, 24.5096



51.1976, 31.6970, 32.1026



51.1990, -3.0871, 33.6344

Triad

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



51.1990, 31.6932, 32.1032



51.1990, -51.1312, 2.4500



51.1990, 32.4585, -78.6614

Complementary

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



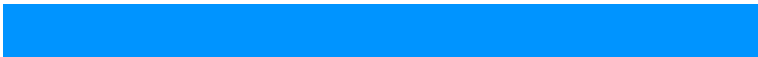
51.1976, 31.6970, 32.1026



40.0646, 11.2176, -74.2921

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.



51.1990, -2.3812, -98.1356



51.1976, 31.6970, 32.1026



51.1990, -45.9924, -36.8019

Square

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



51.1990, 31.6932, 32.1032



51.1990, -46.2150, 24.2224



51.1990, -29.9406, -79.4318



51.1990, 62.9908, -35.8233

Rectangle

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



51.1976, 31.6970, 32.1026



51.1990, -22.5296, 32.9741



51.1990, -29.9406, -79.4318



51.1990, 20.6160, -89.0217

Sweetspot

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



51.1990, 31.6932, 32.1032



86.0709, 3.0912, 23.8949



40.2183, 71.6463, 4.4977



38.9702, 2.1182, 12.0265

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.1990, 31.6932, 32.1032



60.5978, 38.2038, 38.0089



81.0695, -21.7746, 49.5733



37.5858, -1.2164, 4.6423



39.7018, 23.7621, 24.8800



10.9249, 4.2415, 6.8061

Inverse Universe

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



40.0646, 11.2176, -74.2921



47.3037, 13.9262, -89.1883



22.6156, 61.3419, -160.6858



36.9898, -2.6194, -0.7385



31.2032, 7.9400, -56.1416



8.9616, 0.1421, -11.5080

Previews

White Background



This preview shows how the HunterLab color 51.1976, 31.6970, 32.1026 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 51.1976, 31.6970, 32.1026 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 51.1976, 31.6970, 32.1026 Background



This preview shows how black text looks on a background with the HunterLab color 51.1976, 31.6970, 32.1026.



This preview shows how white text looks on a background with the HunterLab color 51.1976, 31.6970,

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

51.1976, 31.6970, 32.1026

Protanopia

51.3477, -7.3208, 30.8007

Deuteranopia

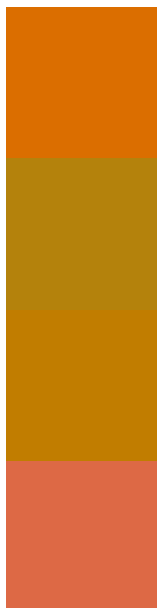
51.2250, 3.5616, 31.6270



Tritanopia

51.1238, 41.9398, 15.4575

Trichromacy



Original Color

51.1976, 31.6970, 32.1026

Protanomaly

50.6903, 5.9163, 30.9319

Deuteranomaly

50.9948, 13.4104, 31.6575

Tritanomaly

50.8969, 36.9911, 25.4514

Monochromacy



Original Color

51.1976, 31.6970, 32.1026

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.4045, 5.6986, 19.0747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1976, 31.6970, 32.1026 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, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 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, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1976, 31.6970, 32.1026 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, 110, 0) }
```


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

```
.border{ border-color:rgb(219, 110, 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, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1976, 31.6970, 32.1026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 0) }
```

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

```
.background{ background-color: rgb(219,  
110, 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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