

Converting Colors

HunterLab(51.3097, 62.5255,
32.6347)

Have a look what the booklet for
HunterLab(51.3097, 62.5255,
32.6347) contains.

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Color

**HunterLab(51.2801, 62.6075,
32.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4B02
RGB	255, 75, 2
RGB Percent	100%, 29%, 1%
CMY	0.0000, 0.7058, 0.9921
CMYK	0.00, 0.71, 0.99, 0.00
HSL	17°, 100%, 50%
HSV	17°, 99%, 100%
XYZ	43.7670, 26.2965, 2.8264
YIQ	120.4980, 130.7130, 15.4570

Conversions

Conversions Part 2

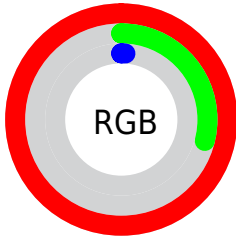
Format	Color
R_{YB}	255, 105, 2
Decimal	16730882
CIE Lab	58.32, 65.77, 68.92
CIE LCh	58, 95.261, 46.339
Yxy	26.2981, 0.6004, 0.3608
Android (android.graphics.Color)	4294920962 (0xFFFF4B02)
YUV	120.4980, -58.4195, 117.9583
Hunter-Lab	51.2801, 62.6075, 32.6282

Details

The HunterLab color **51.2801, 62.6075, 32.6282** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **63.7846, -14.2336, -48.8857**, and the grayscale version is **43.7179, -2.3327, 2.3753**.

A 20% lighter version of the original color is **62.2028, 36.6914, 34.2046**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **51.0905, 63.1341, 32.5870**, and if you desaturate by 10%, it is **54.0343, 55.3219, 33.0926**.

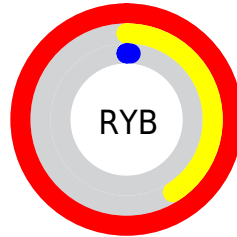
Distribution



Red (100%)

Green (29%)

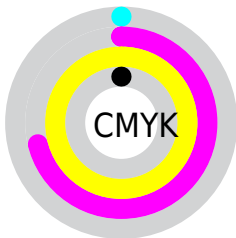
Blue (1%)



Red (100%)

Yellow (41%)

Blue (1%)

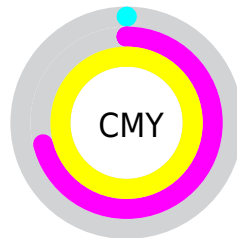


Cyan (0%)

Magenta (71%)

Yellow (99%)

Black (0%)



Cyan (0%)

Magenta (71%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2801, 62.6075, 32.6282 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 51.2801, 62.6075, 32.6282 by changing the saturation by 10% instead.

51.2801, 62.6075,
32.6282

51.2801, 62.6075,
32.6282

168.5949, 78.3033,
70.8492

41.2877, 60.4071,
27.4555

73.3181, 66.7443,
42.2672

32.0435, 58.1743,
22.4304

85.2820, 68.6712,
46.7758

23.6155, 56.0012,
16.5308

97.8341, 70.5006,
51.1104

16.0921, 54.1439,
11.2645

110.9478, 72.2352,
55.2931

9.5991, 53.3953,
6.7193

124.6002, 73.8786,
59.3430

0.0000, INF, NaN

0.0000, INF, NaN

138.7707, 75.4351,

63.2767

0.0000, NaN, NaN

153.4411, 76.9086,
67.1081

0.0000, NaN, NaN

51.2801, 62.6075,
32.6282

51.2801, 62.6075,
32.6282

51.0905, 63.1341,
32.5870

54.0343, 55.3219,
33.0926

57.4023, 47.5612,
32.7243

61.3456, 39.7058,
31.4379

65.8080, 32.0191,
29.3107

70.7308, 24.6642,
26.4588

■ 76.0587, 17.7252,
23.0027

■ 81.7418, 11.2306,
19.0503

■ 87.7367, 5.1741,
14.6921

■ 94.0064, -0.4701,
10.0009

Harmonies

Analogous

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



51.2816, 95.0210, 19.5216



51.2801, 62.6075, 32.6282



51.2816, 16.9101, 35.2518

Triad

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



51.2816, 62.6021, 32.6289



51.2816, -58.4664, 17.3470



51.2816, 20.9742, -130.6310

Complementary

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



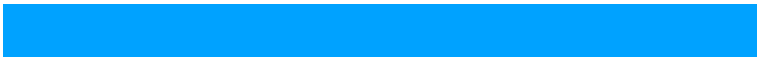
51.2801, 62.6075, 32.6282



63.7846, -14.2336, -48.8857

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.



51.2816, -19.8132, -133.2669



51.2801, 62.6075, 32.6282



51.2816, -57.9893, -22.6273

Square

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



51.2816, 62.6021, 32.6289



51.2816, -47.6771, 32.0795



51.2816, -46.0770, -84.5031



51.2816, 66.3591, -78.8241

Rectangle

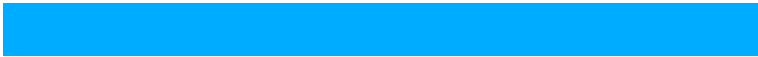
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.2801, 62.6075, 32.6282



51.2816, -11.0306, 35.4226



51.2816, -46.0770, -84.5031



51.2816, 6.1154, -138.1711

Sweetspot

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



51.2816, 62.6021, 32.6289



81.2837, 11.7250, 19.3768



49.7347, 91.8480, -21.3592



36.4833, 6.6730, 9.7541

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2816, 62.6021, 32.6289



51.0907, 63.1344, 32.5871



79.1566, 1.1686, 48.7533



43.4060, -0.1442, 4.6918



37.2281, 44.7662, 23.7235



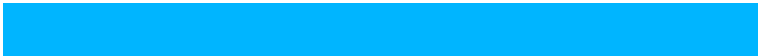
12.3581, 11.8969, 7.8232

Inverse Universe

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



63.7846, -14.2336, -48.8857



63.5892, -13.9935, -49.2730



31.8454, 53.7352, -155.5757



44.2082, -4.3382, 0.0067



46.2577, -10.5503, -35.0429



15.0704, -4.2213, -9.7240

Previews

White Background



This preview shows how the HunterLab color 51.2801, 62.6075, 32.6282 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 51.2801, 62.6075, 32.6282 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 51.2801, 62.6075, 32.6282 Background



This preview shows how black text looks on a background with the HunterLab color 51.2801, 62.6075, 32.6282.



This preview shows how white text looks on a background with the HunterLab color 51.2801, 62.6075,

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

51.2801, 62.6075, 32.6282

Protanopia

51.3836, -7.1213, 30.2700

Deuteranopia

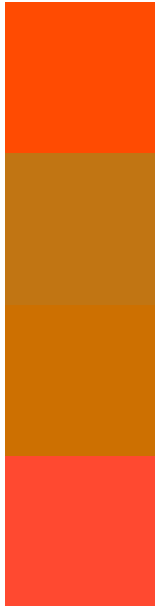
51.1099, 3.1747, 31.5492



Tritanopia

51.3704, 65.7484, 25.3279

Trichromacy



Original Color

51.2801, 62.6075, 32.6282

Protanomaly

49.0989, 17.5842, 29.8184

Deuteranomaly

49.5678, 24.8066, 30.9434

Tritanomaly

51.2235, 64.2306, 29.4515

Monochromacy



Original Color

51.2801, 62.6075, 32.6282

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.5852, 17.5234, 17.3590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2801, 62.6075, 32.6282 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(255, 75, 2)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 2)  
}
```

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(255, 75, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2801, 62.6075, 32.6282 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(255, 75, 2) }
```


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

```
.border{ border-color:rgb(255, 75, 2) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 2);  
box-shadow:4px 4px 4px 4px rgb(255, 75, 2)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.2801, 62.6075, 32.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 2) }
```

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

```
.background{ background-color: rgb(255, 75,  
2) }
```

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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