

Converting Colors

HunterLab(50.3308, 56.8959,
32.0096)

Have a look what the booklet for
HunterLab(50.3308, 56.8959,
32.0096) contains.

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Color

**HunterLab(50.3291, 56.8927,
32.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	F65000
RGB	246, 80, 0
RGB Percent	96%, 31%, 0%
CMY	0.0353, 0.6862, 1.0000
CMYK	0.00, 0.67, 1.00, 0.04
HSL	20°, 100%, 48%
HSV	20°, 100%, 96%
XYZ	40.8747, 25.3302, 2.7349
YIQ	120.5140, 124.6160, 10.3120

Conversions

Conversions Part 2

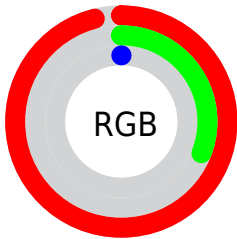
Format	Color
R_{YB}	246, 119, 0
Decimal	16142336
CIE _{Lab}	57.40, 61.04, 67.97
CIE _{LCh}	57, 91.357, 48.075
Yxy	25.3317, 0.5929, 0.3674
Android (android.graphics.Color)	4294332416 (0xFFFF65000)
YUV	120.5140, -59.4134, 110.0512
Hunter-Lab	50.3291, 56.8927, 32.0085

Details

The HunterLab color **50.3291, 56.8927, 32.0085** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **58.2443, -9.1610, -53.0240**, and the grayscale version is **43.7294, -2.3333, 2.3759**.

A 20% lighter version of the original color is **62.8661, 35.1074, 34.7779**, and **31.2545, 52.9887, 20.1865** is the 20% darker color. If you saturate the color by 10%, you get **50.3300, 56.8893, 32.0090**, and if you desaturate by 10%, it is **53.0460, 49.8988, 32.5570**.

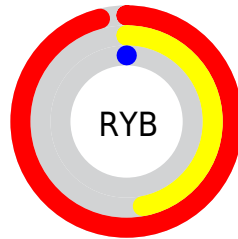
Distribution



Red (96%)

Green (31%)

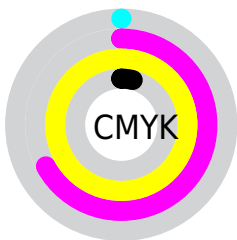
Blue (0%)



Red (96%)

Yellow (47%)

Blue (0%)

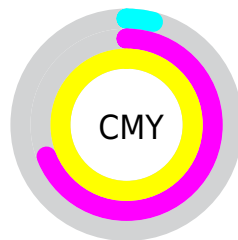


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3291, 56.8927, 32.0085 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 50.3291, 56.8927, 32.0085 by changing the saturation by 10% instead.

50.3291, 56.8927,
32.0085

50.3291, 56.8927,
32.0085

167.1783, 71.3932,
69.8865

40.4034, 54.8029,
26.8720

72.2460, 60.7775,
41.5711

31.2313, 52.6585,
21.8619

84.1543, 62.5707,
46.0405

22.8826, 50.5345,
16.0178

96.6532, 64.2646,
50.3360

15.4482, 48.6510,
10.8137

109.7162, 65.8631,
54.4799

9.0494, 47.8008,
6.3346

123.3199, 67.3706,
58.4915

0.0000, INF, NaN

0.0000, INF, NaN


137.4434, 68.7919,


62.3874


0.0000, NaN, NaN


 152.0684, 70.1313,
66.1818


0.0000, NaN, NaN

 50.3291, 56.8927,
32.0085


 50.3291, 56.8927,
32.0085


 50.3300, 56.8893,
32.0090

 53.0460, 49.8988,
32.5570

 56.2790, 42.6301,
32.3399

 59.9991, 35.4012,
31.2228

 64.1608, 28.4122,
29.2619

 68.7167, 21.7830,
26.5544

■ 73.6221, 15.5714,
23.2070

■ 78.8365, 9.7927,
19.3194

■ 84.3240, 4.4359,
14.9787

■ 90.0540, -0.5251,
10.2573

Harmonies

Analogous

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



50.3306, 88.7071, 20.0477



50.3291, 56.8927, 32.0085



50.3306, 13.5269, 34.4428

Triad

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



50.3306, 56.8877, 32.0092



50.3306, -56.5426, 15.2187



50.3306, 22.3814, -120.5713

Complementary

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



50.3291, 56.8927, 32.0085



58.2443, -9.1610, -53.0240

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.



50.3306, -17.0793, -126.1946



50.3291, 56.8927, 32.0085



50.3306, -55.4733, -24.3493

Square

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



50.3306, 56.8877, 32.0092



50.3306, -46.7486, 30.7246



50.3306, -43.1913, -82.7745



50.3306, 65.0224, -70.6039

Rectangle

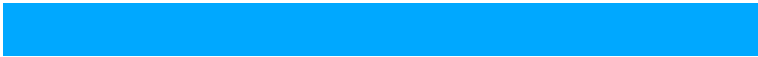
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.3291, 56.8927, 32.0085



50.3306, -12.6639, 34.5306



50.3306, -43.1913, -82.7745



50.3306, 8.1305, -128.5963

Sweetspot

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



50.3306, 56.8877, 32.0092



82.0891, 10.2355, 20.1503



47.3537, 87.0721, -15.7423



36.9000, 5.8870, 10.1422

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3306, 56.8877, 32.0092



52.3799, 59.3969, 33.3161



78.3068, -2.8448, 48.2024



41.6684, -0.3551, 4.6142



37.0766, 40.6976, 23.5589



11.7789, 9.9543, 7.4324

Inverse Universe

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



58.2443, -9.1610, -53.0240



60.6217, -9.4647, -55.3404



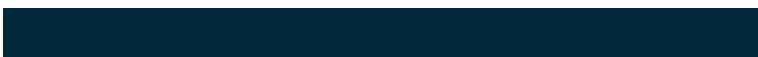
29.2209, 56.2346, -157.9170



42.1855, -3.9405, -0.1353



42.8639, -7.1760, -38.0853



13.4210, -3.2054, -9.8556

Previews

White Background



This preview shows how the HunterLab color 50.3291, 56.8927, 32.0085 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 50.3291, 56.8927, 32.0085 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 50.3291, 56.8927, 32.0085 Background



This preview shows how black text looks on a background with the HunterLab color 50.3291, 56.8927, 32.0085.



This preview shows how white text looks on a background with the HunterLab color 50.3291, 56.8927,

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

50.3291, 56.8927, 32.0085

Protanopia

50.6041, -6.9710, 29.9149

Deuteranopia

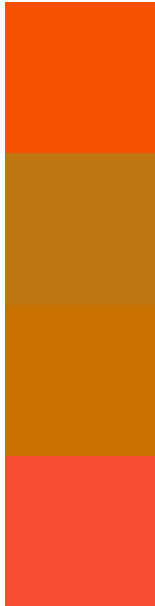
50.2307, 2.9684, 31.0039



Tritanopia

50.3551, 61.6438, 23.6211

Trichromacy



Original Color

50.3291, 56.8927, 32.0085

Protanomaly

48.8018, 15.4232, 29.6972

Deuteranomaly

48.8546, 22.7037, 30.5014

Tritanomaly

50.3112, 59.5038, 28.4871

Monochromacy



Original Color

50.3291, 56.8927, 32.0085

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.5326, 14.9261, 17.5233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3291, 56.8927, 32.0085 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(246, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 80, 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(246, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 80, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3291, 56.8927, 32.0085 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(246, 80, 0) }
```


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

```
.border{ border-color:rgb(246, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(246, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.3291, 56.8927, 32.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 80, 0) }
```

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

```
.background{ background-color: rgb(246, 80,  
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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