

Converting Colors

HunterLab(56.1164, 50.0575,
33.6916)

Have a look what the booklet for
HunterLab(56.1164, 50.0575,
33.6916) contains.

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Color

**HunterLab(56.1164, 50.0575,
33.6916)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6924
RGB	255, 105, 36
RGB Percent	100%, 41%, 14%
CMY	0.0000, 0.5882, 0.8588
CMYK	0.00, 0.59, 0.86, 0.00
HSL	19°, 100%, 57%
HSV	19°, 86%, 100%
XYZ	46.6100, 31.4905, 5.2907
YIQ	141.9840, 111.5490, 10.3410

Conversions

Conversions Part 2

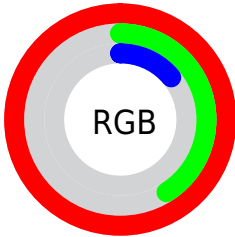
Format	Color
R _{YB}	255, 137, 36
Decimal	16738596
CIE Lab	62.92, 54.12, 63.09
CIE LCh	63, 83.117, 49.377
Yxy	31.4923, 0.5589, 0.3776
Android (android.graphics.Color)	4294928676 (0xFFFF6924)
YUV	141.9840, -52.2501, 99.1150
Hunter-Lab	56.1164, 50.0575, 33.6916

Details

The HunterLab color **56.1164, 50.0575, 33.6916** 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 **65.3524, -15.1242, -45.8258**, and the grayscale version is **52.1757, -2.7840, 2.8348**.

A 20% lighter version of the original color is **68.6461, 24.4820, 34.5650**, and **36.2543, 46.5150, 23.1541** is the 20% darker color. If you saturate the color by 10%, you get **53.0922, 57.5407, 33.3856**, and if you desaturate by 10%, it is **59.6976, 42.3821, 33.0719**.

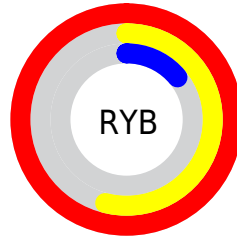
Distribution



Red (100%)

Green (41%)

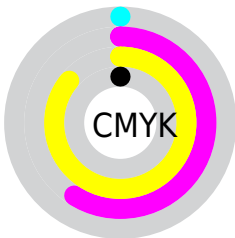
Blue (14%)



Red (100%)

Yellow (54%)

Blue (14%)

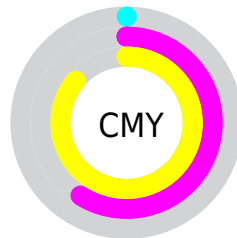


Cyan (0%)

Magenta (59%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.1164, 50.0575, 33.6916 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 56.1164, 50.0575, 33.6916 by changing the saturation by 10% instead.

 56.1164, 50.0575, 33.6916	 56.1164, 50.0575, 33.6916
175.7271, 62.1538, 68.4695	 45.7974, 48.2207, 29.0063
 78.7492, 53.3945, 42.4062	 36.2008, 46.2873, 24.0908
 90.9873, 54.9100, 46.4900	 27.3878, 44.2781, 19.1714
 103.8009, 56.3286, 50.4248	 19.4352, 42.2712, 13.6047
 117.1652, 57.6560, 54.2308	 12.4490, 40.5100, 8.7143
 131.0585, 58.8974, 57.9251	 5.6866, 49.6538, 3.9806
 145.4612, 60.0578,	0.0000, INF, NaN

61.5218

0.0000, NaN, NaN

160.3560, 61.1419,
65.0332

0.0000, NaN, NaN

■ 56.1164, 50.0575,
33.6916

■ 56.1164, 50.0575,
33.6916

■ 53.0922, 57.5407,
33.3856

■ 59.6976, 42.3821,
33.0719

■ 52.0085, 60.4594,
33.1058

■ 63.7858, 34.8144,
31.5324

■ 68.3313, 27.5375,
29.1591

■ 73.2827, 20.6579,
26.0640

■ 78.5925, 14.2216,
22.3592

84.2184, 8.2346,
18.1450

90.1235, 2.6789,
13.5065

96.2762, -2.4762,
8.5130

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



56.1180, 79.1794, 20.9186



56.1164, 50.0575, 33.6916



56.1180, 10.4563, 36.9704

Triad

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



56.1180, 50.0527, 33.6923



56.1180, -56.4364, 13.9668



56.1180, 22.0851, -102.5938

Complementary

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



56.1164, 50.0575, 33.6916



65.3524, -15.1242, -45.8258

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.



56.1180, -15.2920, -109.2100



56.1164, 50.0575, 33.6916



56.1180, -54.8243, -23.7372

Square

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



56.1180, 50.0527, 33.6923



56.1180, -46.7515, 31.3672



56.1180, -41.5905, -74.3072



56.1180, 60.4039, -59.6389

Rectangle

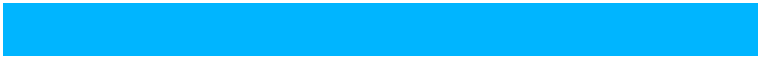
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.1164, 50.0575, 33.6916



56.1180, -13.9212, 37.0103



56.1180, -41.5905, -74.3072



56.1180, 8.8319, -109.8532

Sweetspot

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



56.1180, 50.0527, 33.6923



84.1504, 8.3029, 18.1976



51.1946, 88.5396, -22.8591



38.0153, 4.7784, 9.1176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.1180, 50.0527, 33.6923



52.0087, 60.4597, 33.1060



82.5076, -3.9768, 49.5717



43.4982, -0.3019, 4.7927



37.9055, 42.8148, 24.1067



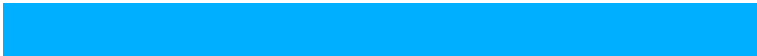
12.5899, 11.2839, 7.9554

Inverse Universe

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



65.3524, -15.1242, -45.8258



61.4353, -10.7254, -53.6357



36.4737, 42.0347, -130.5780



44.1126, -4.1834, -0.1085



44.7229, -8.2351, -38.1225



14.6410, -3.5980, -10.5329

Previews

White Background



This preview shows how the HunterLab color 56.1164, 50.0575, 33.6916 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.1164, 50.0575, 33.6916 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 56.1164, 50.0575, 33.6916 Background



This preview shows how black text looks on a background with the HunterLab color 56.1164, 50.0575, 33.6916.



This preview shows how white text looks on a background with the HunterLab color 56.1164, 50.0575,

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

56.1164, 50.0575, 33.6916

Protanopia

56.2617, -7.3410, 31.5929

Deuteranopia

56.2210, 3.7427, 34.4361



Tritanopia

56.0490, 56.0500, 21.0943

Trichromacy



Original Color

56.1164, 50.0575, 33.6916

Protanomaly

55.0879, 12.5211, 31.5994

Deuteranomaly

55.3274, 20.6741, 33.7942

Tritanomaly

55.9972, 53.3442, 27.1967

Monochromacy



Original Color

56.1164, 50.0575, 33.6916

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.7176, 12.4399, 17.3751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.1164, 50.0575, 33.6916 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, 105, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 36)  
}
```

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, 105, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 56.1164, 50.0575, 33.6916 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, 105, 36) }
```


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

```
.border{ border-color:rgb(255, 105, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 105, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.1164, 50.0575, 33.6916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 36) }
```

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

```
.background{ background-color: rgb(255,  
105, 36) }
```

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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