

Converting Colors

HunterLab(53.3083, 56.7851,
33.8400)

Have a look what the booklet for
HunterLab(53.3083, 56.7851,
33.8400) contains.

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Color

**HunterLab(53.2961, 56.8180,
33.8355)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5900
RGB	255, 89, 0
RGB Percent	100%, 35%, 0%
CMY	0.0000, 0.6509, 1.0000
CMYK	0.00, 0.65, 1.00, 0.00
HSL	21°, 100%, 50%
HSV	21°, 100%, 100%
XYZ	44.8124, 28.4047, 3.1208
YIQ	128.4880, 127.5050, 7.5130

Conversions

Conversions Part 2

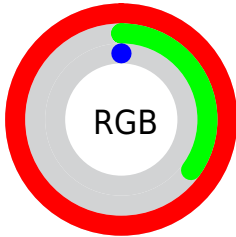
Format	Color
RYB	255, 137, 0
Decimal	16734464
CIELab	60.25, 60.48, 70.26
CIELCh	60, 92.705, 49.281
Yxy	28.4064, 0.5870, 0.3721
Android (android.graphics.Color)	4294924544 (0xFFFF5900)
YUV	128.4880, -63.3446, 110.9510
Hunter-Lab	53.2961, 56.8180, 33.8355

Details

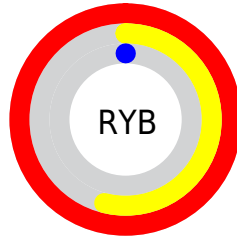
The HunterLab color **53.2961, 56.8180, 33.8355** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **58.7282, -6.4703, -59.4373**, and the grayscale version is **46.8602, -2.5003, 2.5460**.

A 20% lighter version of the original color is **64.7334, 31.0663, 35.7115**, and **33.8705, 53.0473, 21.7995** is the 20% darker color. If you saturate the color by 10%, you get **53.2971, 56.8143, 33.8361**, and if you desaturate by 10%, it is **56.1784, 49.5458, 34.4832**.

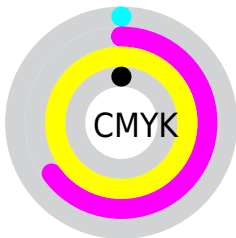
Distribution



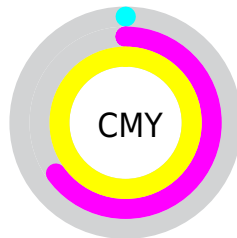
- Red (100%)
- Green (35%)
- Blue (0%)



- Red (100%)
- Yellow (54%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.2961, 56.8180, 33.8355 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 53.2961, 56.8180, 33.8355 by changing the saturation by 10% instead.


 53.2961, 56.8180,
33.8355


 53.2961, 56.8180,
33.8355


171.5820, 70.9298,
72.4596


 43.1651, 54.7672,
28.6265


 75.5861, 60.6116,
43.5554

 33.7711, 52.6477,
23.6398


 87.6661, 62.3585,
48.1079


 25.1790, 50.5125,
17.6253


 100.3288, 64.0070,
52.4879

 17.4723, 48.5196,
12.2306

 113.5485, 65.5614,
56.7169

 10.7674, 47.1513,
7.5372

 127.3027, 67.0263,
60.8136


 1.6774, 177.0486,
1.1742

 141.5713, 68.4064,


0.0000, INF, NaN


64.7941


0.0000, NaN, NaN


 156.3365, 69.7062,
68.6722


0.0000, NaN, NaN


 53.2961, 56.8180,
33.8355


 53.2961, 56.8180,
33.8355

 53.2971, 56.8143,
33.8361

 56.1784, 49.5458,
34.4832

 59.5562, 42.1062,
34.3168

 63.4023, 34.7877,
33.1968

 67.6741, 27.7682,
31.1724

 72.3277, 21.1503,
28.3372

77.3212, 14.9808,
24.7966

82.6168, 9.2684,
20.6522

88.1806, 3.9979,
15.9943

93.9837, -0.8590,
10.8996

Harmonies

Analogous

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



53.2977, 90.3080, 21.7734



53.2961, 56.8180, 33.8355



53.2977, 12.1431, 36.3129

Triad

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



53.2977, 56.8129, 33.8362



53.2977, -59.1150, 14.7403



53.2977, 24.8446, -121.6717

Complementary

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



53.2961, 56.8180, 33.8355



58.7282, -6.4703, -59.4373

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.



53.2977, -16.3435, -129.6029



53.2961, 56.8180, 33.8355



53.2977, -57.5466, -27.1632

Square

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



53.2977, 56.8129, 33.8362



53.2977, -49.3239, 31.8900



53.2977, -44.1389, -86.9978



53.2977, 68.4242, -69.7685

Rectangle

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



53.2961, 56.8180, 33.8355



53.2977, -14.6341, 36.3443



53.2977, -44.1389, -86.9978



53.2977, 10.0634, -130.5130

Sweetspot

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



53.2977, 56.8129, 33.8362



82.6160, 9.2695, 20.6532



49.1551, 90.0833, -14.0058



37.1730, 5.3773, 10.3948

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.2977, 56.8129, 33.8362



53.2973, 56.8146, 33.8362



82.8234, -5.0513, 50.9469



43.6165, -0.5036, 4.9217



38.8512, 40.1705, 24.6432



12.9040, 10.4771, 8.1348

Inverse Universe

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



58.7282, -6.4703, -59.4373



58.7278, -6.4695, -59.4388



29.8528, 60.7425, -168.4383



43.9904, -3.9852, -0.2559



42.7926, -5.2215, -42.2154



14.0992, -2.7891, -11.6018

Previews

White Background



This preview shows how the HunterLab color 53.2961, 56.8180, 33.8355 looks on a white background.

Color Contrast Check

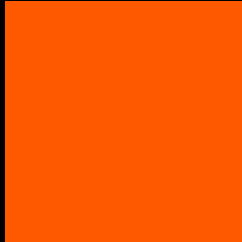
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.2961, 56.8180, 33.8355 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 53.2961, 56.8180, 33.8355 Background



This preview shows how black text looks on a background with the HunterLab color 53.2961, 56.8180, 33.8355.



This preview shows how white text looks on a background with the HunterLab color 53.2961, 56.8180,

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

53.2961, 56.8180, 33.8355

Protanopia

53.4087, -7.3206, 31.6971

Deuteranopia

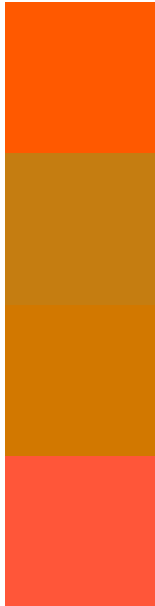
53.2610, 3.5008, 32.8804



Tritanopia

53.3650, 61.4516, 23.4586

Trichromacy



Original Color

53.2961, 56.8180, 33.8355

Protanomaly

51.5539, 15.2479, 31.4243

Deuteranomaly

52.0909, 22.9325, 32.4996

Tritanomaly

53.1140, 59.3112, 29.4460

Monochromacy



Original Color

53.2961, 56.8180, 33.8355

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.5052, 14.4118, 18.9840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2961, 56.8180, 33.8355 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, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 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(255, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2961, 56.8180, 33.8355 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, 89, 0) }
```


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

```
.border{ border-color:rgb(255, 89, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.2961, 56.8180, 33.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 0) }
```

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

```
.background{ background-color: rgb(255, 89,  
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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