

Converting Colors

HunterLab(53.2818, 57.1305,
33.2385)

Have a look what the booklet for
HunterLab(53.2818, 57.1305,
33.2385) contains.

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Color

**HunterLab(53.3341, 56.9834,
33.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5911
RGB	255, 89, 17
RGB Percent	100%, 35%, 7%
CMY	0.0000, 0.6509, 0.9333
CMYK	0.00, 0.65, 0.93, 0.00
HSL	18°, 100%, 53%
HSV	18°, 93%, 100%
XYZ	44.9136, 28.4453, 3.6536
YIQ	130.4260, 122.0480, 12.8000

Conversions

Conversions Part 2

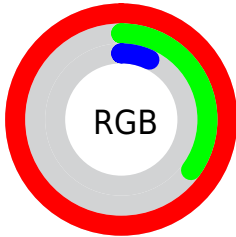
Format	Color
R_{YB}	255, 120, 17
Decimal	16734481
CIE Lab	60.29, 60.61, 67.02
CIE LCh	60, 90.366, 47.876
Yxy	28.4469, 0.5832, 0.3694
Android (android.graphics.Color)	4294924561 (0xFFFF5911)
YUV	130.4260, -55.9190, 109.2514
Hunter-Lab	53.3341, 56.9834, 33.2723

Details

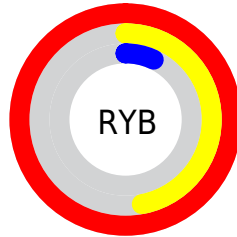
The HunterLab color **53.3341, 56.9834, 33.2723** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **64.1892, -14.4099, -48.0854**, and the grayscale version is **47.5963, -2.5396, 2.5860**.

A 20% lighter version of the original color is **65.0478, 30.9329, 34.7186**, and **33.8705, 53.0473, 21.7995** is the 20% darker color. If you saturate the color by 10%, you get **51.5645, 61.7449, 32.8547**, and if you desaturate by 10%, it is **56.4832, 49.3792, 33.3199**.

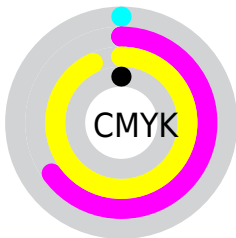
Distribution



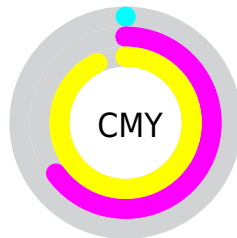
- Red (100%)
- Green (35%)
- Blue (7%)



- Red (100%)
- Yellow (47%)
- Blue (7%)



- Cyan (0%)
- Magenta (65%)
- Yellow (93%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.3341, 56.9834, 33.2723 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 53.3341, 56.9834, 33.2723 by changing the saturation by 10% instead.


 53.3341, 56.9834,
33.2723


 53.3341, 56.9834,
33.2723


171.6381, 71.1299,
70.3008


 43.2005, 54.9292,
28.2674


 75.6288, 60.7845,
42.5891


 33.8037, 52.8068,
23.3632


 87.7110, 62.5353,
46.9496


 25.2086, 50.6695,
17.6460


 100.3757, 64.1878,
51.1453

 17.4985, 48.6759,
12.2489

 113.5974, 65.7461,
55.1974

 10.7897, 47.3097,
7.5528

 127.3535, 67.2149,
59.1246


 1.7930, 166.3773,
1.2551

 141.6239, 68.5989,


0.0000, INF, NaN


62.9423


0.0000, NaN, NaN


 156.3909, 69.9025,
66.6640


0.0000, NaN, NaN


 53.3341, 56.9834,
33.2723


 53.3341, 56.9834,
33.2723


 51.5645, 61.7449,
32.8547

 56.4832, 49.3792,
33.3199

 60.1984, 41.6192,
32.4358

 64.4313, 33.9798,
30.6597

 69.1270, 26.6432,
28.0922

 74.2318, 19.7095,
24.8505

79.6966, 13.2194,
21.0467

85.4782, 7.1746,
16.7780

91.5390, 1.5542,
12.1249

97.8475, -3.6743,
7.1520

Harmonies

Analogous

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



53.3357, 88.3380, 20.4156



53.3341, 56.9834, 33.2723



53.3357, 13.7413, 36.1165

Triad

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



53.3357, 56.9783, 33.2730



53.3357, -57.9439, 15.7608



53.3357, 22.0363, -118.4211

Complementary

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



53.3341, 56.9834, 33.2723



64.1892, -14.4099, -48.0854

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.



53.3357, -17.6301, -123.5169



53.3341, 56.9834, 33.2723



53.3357, -56.8975, -23.7967

Square

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



53.3357, 56.9783, 33.2730



53.3357, -47.6680, 31.9375



53.3357, -44.2297, -81.1068



53.3357, 64.5257, -69.9990

Rectangle

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



53.3341, 56.9834, 33.2723



53.3357, -12.6910, 36.2123



53.3357, -44.2297, -81.1068



53.3357, 7.7634, -126.0832

Sweetspot

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



53.3357, 56.9783, 33.2730



82.7428, 9.9418, 18.8230



50.1047, 90.6223, -20.9403



37.1370, 5.8223, 9.5455

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.3357, 56.9783, 33.2730



51.5647, 61.7451, 32.8548



81.3142, -2.3550, 49.6775



43.4546, -0.2273, 4.7450



37.5783, 43.7513, 23.9215



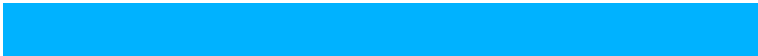
12.4787, 11.5759, 7.8920

Inverse Universe

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



64.1892, -14.4099, -48.0854



62.4501, -12.2773, -51.5540



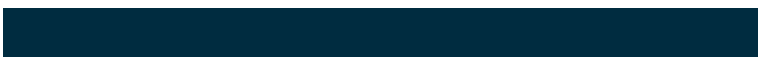
33.2780, 49.8389, -147.1792



44.1578, -4.2567, -0.0540



45.4461, -9.3344, -36.6533



14.8435, -3.8938, -10.1475

Previews

White Background



This preview shows how the HunterLab color 53.3341, 56.9834, 33.2723 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 53.3341, 56.9834, 33.2723 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 53.3341, 56.9834, 33.2723 Background



This preview shows how black text looks on a background with the HunterLab color 53.3341, 56.9834, 33.2723.



This preview shows how white text looks on a background with the HunterLab color 53.3341, 56.9834,

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

53.3341, 56.9834, 33.2723

Protanopia

53.4416, -7.1373, 31.2092

Deuteranopia

53.2610, 3.5008, 32.8804



Tritanopia

53.3650, 61.4516, 23.4586

Trichromacy



Original Color

53.3341, 56.9834, 33.2723

Protanomaly

51.5914, 15.4401, 30.8690

Deuteranomaly

52.1035, 22.9954, 32.3124

Tritanomaly

53.1737, 59.5683, 28.5647

Monochromacy



Original Color

53.3341, 56.9834, 33.2723

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.0071, 14.9981, 17.3074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.3341, 56.9834, 33.2723 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, 17)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 17)  
}
```

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, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 53.3341, 56.9834, 33.2723 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, 17) }
```


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

```
.border{ border-color:rgb(255, 89, 17) }
```

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, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 17);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.3341, 56.9834, 33.2723 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, 17) }
```

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

```
.background{ background-color: rgb(255, 89,  
17) }
```

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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