

Converting Colors

HunterLab(53.0937, 57.4035,
33.6752)

Have a look what the booklet for
HunterLab(53.0937, 57.4035,
33.6752) contains.

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Color

**HunterLab(53.1429, 57.2597,
33.7168)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5801
RGB	255, 88, 1
RGB Percent	100%, 35%, 0%
CMY	0.0000, 0.6549, 0.9961
CMYK	0.00, 0.65, 1.00, 0.00
HSL	21°, 100%, 50%
HSV	21°, 100%, 100%
XYZ	44.7352, 28.2417, 3.1221
YIQ	128.0150, 127.4590, 8.3470

Conversions

Conversions Part 2

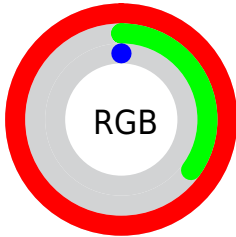
Format	Color
RYB	255, 133, 1
Decimal	16734209
CIELab	60.11, 60.88, 70.00
CIELCh	60, 92.774, 48.986
Yxy	28.2433, 0.5878, 0.3711
Android (android.graphics.Color)	4294924289 (0xFFFF5801)
YUV	128.0150, -62.6184, 111.3658
Hunter-Lab	53.1429, 57.2597, 33.7168

Details

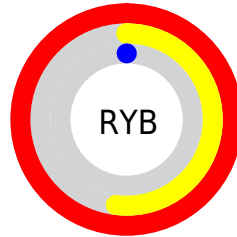
The HunterLab color **53.1429, 57.2597, 33.7168** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **59.3540, -7.4418, -58.0615**, and the grayscale version is **46.6717, -2.4903, 2.5358**.

A 20% lighter version of the original color is **64.7426, 31.1118, 35.5758**, and **33.7530, 53.4338, 21.7339** is the 20% darker color. If you saturate the color by 10%, you get **53.0407, 57.5299, 33.6906**, and if you desaturate by 10%, it is **56.0306, 49.9587, 34.3347**.

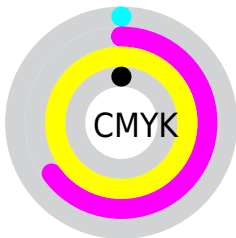
Distribution



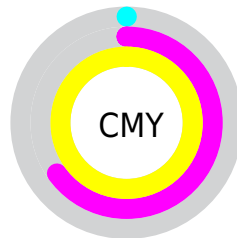
- Red (100%)
- Green (35%)
- Blue (0%)



- Red (100%)
- Yellow (52%)
- 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 53.1429, 57.2597, 33.7168 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 53.1429, 57.2597, 33.7168 by changing the saturation by 10% instead.


 53.1429, 57.2597,
33.7168


 53.1429, 57.2597,
33.7168


171.3557, 71.4954,
72.2327


 43.0223, 55.1966,
28.5204


 75.4140, 61.0807,
43.4110


 33.6395, 53.0670,
23.5477


 87.4853, 62.8418,
47.9509


 25.0598, 50.9266,
17.5418


 100.1396, 64.5044,
52.3185

 17.3667, 48.9394,
12.1567

 113.3514, 66.0728,
56.5353

 10.6776, 47.6071,
7.4743

 127.0979, 67.5516,
60.6202


 1.0932, 272.8328,
0.7652

 141.3591, 68.9454,


0.0000, INF, NaN


64.5892


0.0000, NaN, NaN


 156.1171, 70.2586,
68.4561


0.0000, NaN, NaN


 53.1429, 57.2597,
33.7168


 53.1429, 57.2597,
33.7168


 53.0407, 57.5299,
33.6906

 56.0306, 49.9587,
34.3347

 59.4259, 42.4757,
34.1197

 63.2990, 35.1014,
32.9547

 67.6058, 28.0188,
30.8942

 72.3009, 21.3341,
28.0348

77.3412, 15.0959,
24.4836

82.6877, 9.3135,
20.3427

88.3060, 3.9720,
15.7021

94.1663, -0.9571,
10.6380

Harmonies

Analogous

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



53.1445, 90.5642, 21.5392



53.1429, 57.2597, 33.7168



53.1445, 12.5798, 36.2208

Triad

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



53.1445, 57.2545, 33.7175



53.1445, -59.0107, 15.0019



53.1445, 24.4086, -122.1716

Complementary

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



53.1429, 57.2597, 33.7168



59.3540, -7.4418, -58.0615

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.



53.1445, -16.6776, -129.5731



53.1429, 57.2597, 33.7168



53.1445, -57.5539, -26.6447

Square

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



53.1445, 57.2545, 33.7175



53.1445, -49.1180, 31.9171



53.1445, -44.2985, -86.5155



53.1445, 68.0748, -70.4443

Rectangle

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



53.1429, 57.2597, 33.7168



53.1445, -14.2667, 36.2652



53.1445, -44.2985, -86.5155



53.1445, 9.6453, -130.8597

Sweetspot

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



53.1445, 57.2545, 33.7175



82.4720, 9.5329, 20.5160



49.1900, 90.0512, -14.1518



37.0983, 5.5163, 10.3258

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.1445, 57.2545, 33.7175



53.0409, 57.5302, 33.6907



82.8753, -5.1275, 50.9569



43.5938, -0.4650, 4.8970



38.6634, 40.6885, 24.5365



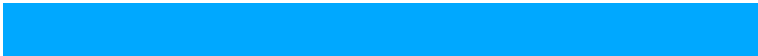
12.8424, 10.6333, 8.0996

Inverse Universe

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



59.3540, -7.4418, -58.0615



59.2418, -7.2910, -58.3079



29.9647, 60.3796, -167.6743



44.0137, -4.0231, -0.2277



43.1591, -5.8030, -41.4181



14.2022, -2.9450, -11.3941

Previews

White Background



This preview shows how the HunterLab color 53.1429, 57.2597, 33.7168 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 53.1429, 57.2597, 33.7168 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 53.1429, 57.2597, 33.7168 Background



This preview shows how black text looks on a background with the HunterLab color 53.1429, 57.2597, 33.7168.



This preview shows how white text looks on a background with the HunterLab color 53.1429, 57.2597,

33.7168.

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

53.1429, 57.2597, 33.7168

Protanopia

53.4129, -7.2969, 31.6341

Deuteranopia

53.1453, 3.1118, 32.8024



Tritanopia

53.2027, 61.8061, 23.5764

Trichromacy



Original Color

53.1429, 57.2597, 33.7168

Protanomaly

51.5570, 15.2639, 31.3783

Deuteranomaly

51.9502, 22.5122, 32.4056

Tritanomaly

52.9552, 59.6952, 29.4869

Monochromacy



Original Color

53.1429, 57.2597, 33.7168

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.2797, 14.9864, 18.5530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1429, 57.2597, 33.7168 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, 88, 1)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 1)  
}
```

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, 88, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1429, 57.2597, 33.7168 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, 88, 1) }
```


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

```
.border{ border-color:rgb(255, 88, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 88, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 1);  
box-shadow:4px 4px 4px 4px rgb(255, 88, 1)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.1429, 57.2597, 33.7168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 1) }
```

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

```
.background{ background-color: rgb(255, 88,  
1) }
```

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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