

Converting Colors

HunterLab(53.1944, 57.1012,
33.7778)

Have a look what the booklet for
HunterLab(53.1944, 57.1012,
33.7778) contains.

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Color

**HunterLab(53.1408, 57.2508,
33.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5800
RGB	255, 88, 0
RGB Percent	100%, 35%, 0%
CMY	0.0000, 0.6549, 1.0000
CMYK	0.00, 0.65, 1.00, 0.00
HSL	21°, 100%, 50%
HSV	21°, 100%, 100%
XYZ	44.7297, 28.2394, 3.0932
YIQ	127.9010, 127.7800, 8.0360

Conversions

Conversions Part 2

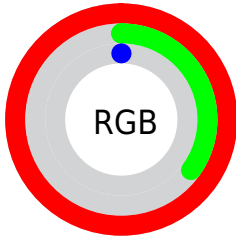
Format	Color
RYB	255, 134, 0
Decimal	16734208
CIELab	60.11, 60.88, 70.19
CIELCh	60, 92.910, 49.065
Yxy	28.2411, 0.5881, 0.3713
Android (android.graphics.Color)	4294924288 (0xFFFF5800)
YUV	127.9010, -63.0552, 111.4658
Hunter-Lab	53.1408, 57.2508, 33.7474

Details

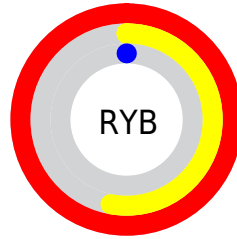
The HunterLab color **53.1408, 57.2508, 33.7474** is a dark color, and the websafe version is hex **FF6600**, and the color name is **orange (pantone)**. The color can be described as dark saturated red. A complement of this color would be **59.0379, -6.9661, -58.7541**, and the grayscale version is **46.6284, -2.4880, 2.5334**.

A 20% lighter version of the original color is **64.7334, 31.0663, 35.7115**, and **33.7530, 53.4338, 21.7339** is the 20% darker color. If you saturate the color by 10%, you get **53.1419, 57.2469, 33.7480**, and if you desaturate by 10%, it is **56.0147, 49.9718, 34.3869**.

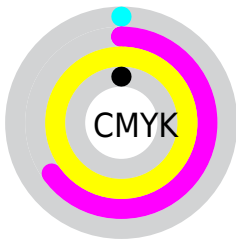
Distribution



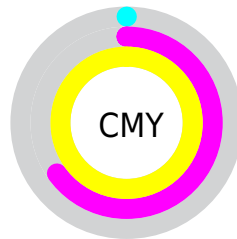
- Red (100%)
- Green (35%)
- Blue (0%)



- Red (100%)
- Yellow (53%)
- 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 53.1408, 57.2508, 33.7474 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 53.1408, 57.2508, 33.7474 by changing the saturation by 10% instead.

53.1408, 57.2508,
33.7474

53.1408, 57.2508,
33.7474

171.3526, 71.4847,
72.3548

43.0203, 55.1879,
28.5394

75.4116, 61.0714,
43.4646

33.6377, 53.0584,
23.5464

87.4828, 62.8322,
48.0155

25.0581, 50.9181,
17.5407

100.1370, 64.4947,
52.3936

17.3653, 48.9310,
12.1557

113.3487, 66.0629,
56.6206

10.6763, 47.5985,
7.4734

127.0951, 67.5415,
60.7152


1.0830, 275.3360,
0.7581

141.3562, 68.9351,


0.0000, INF, NaN


64.6936


0.0000, NaN, NaN


 156.1141, 70.2481,
68.5695


0.0000, NaN, NaN


 53.1408, 57.2508,
33.7474


 53.1408, 57.2508,
33.7474


 53.1419, 57.2469,
33.7480

 56.0147, 49.9718,
34.3869

 59.3914, 42.5061,
34.2137

 63.2430, 35.1488,
33.0888

 67.5262, 28.0828,
31.0629

 72.1962, 21.4144,
28.2307

■ 77.2103, 15.1927,
24.6990

■ 82.5297, 9.4274,
20.5696

■ 88.1204, 4.1039,
15.9330

■ 93.9526, -0.8059,
10.8660

Harmonies

Analogous

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



53.1424, 90.6783, 21.6152



53.1408, 57.2508, 33.7474



53.1424, 12.4889, 36.2318

Triad

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



53.1424, 57.2456, 33.7481



53.1424, -59.0770, 14.9433



53.1424, 24.5703, -122.3608

Complementary

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



53.1408, 57.2508, 33.7474



59.0379, -6.9661, -58.7541

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.



53.1424, -16.6040, -129.9275



53.1408, 57.2508, 33.7474



53.1424, -57.5909, -26.8401

Square

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



53.1424, 57.2456, 33.7481



53.1424, -49.2117, 31.9145



53.1424, -44.2936, -86.8584



53.1424, 68.2999, -70.4319

Rectangle

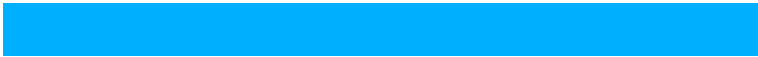
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1408, 57.2508, 33.7474



53.1424, -14.3772, 36.2729



53.1424, -44.2936, -86.8584



53.1424, 9.7775, -131.1176

Sweetspot

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



53.1424, 57.2456, 33.7481



82.5291, 9.4284, 20.5705



49.1551, 90.0833, -14.0057



37.1280, 5.4611, 10.3532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.1424, 57.2456, 33.7481



53.1421, 57.2471, 33.7481



82.8234, -5.0513, 50.9469



43.6028, -0.4803, 4.9068



38.7375, 40.4836, 24.5786



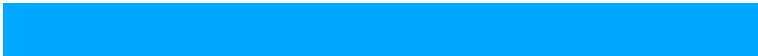
12.8667, 10.5714, 8.1135

Inverse Universe

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



59.0379, -6.9661, -58.7541



59.0376, -6.9654, -58.7555



29.8527, 60.7427, -168.4388



44.0045, -4.0081, -0.2389



43.0135, -5.5725, -41.7337



14.1613, -2.8832, -11.4764

Previews

White Background



This preview shows how the HunterLab color 53.1408, 57.2508, 33.7474 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 53.1408, 57.2508, 33.7474 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 53.1408, 57.2508, 33.7474 Background



This preview shows how black text looks on a background with the HunterLab color 53.1408, 57.2508, 33.7474.



This preview shows how white text looks on a background with the HunterLab color 53.1408, 57.2508,

33.7474.

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

53.1408, 57.2508, 33.7474

Protanopia

53.4129, -7.2969, 31.6341

Deuteranopia

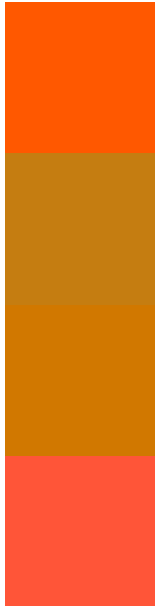
53.1453, 3.1118, 32.8024



Tritanopia

53.2027, 61.8061, 23.5764

Trichromacy



Original Color

53.1408, 57.2508, 33.7474

Protanomaly

51.5539, 15.2479, 31.4243

Deuteranomaly

51.9502, 22.5122, 32.4056

Tritanomaly

52.9552, 59.6952, 29.4869

Monochromacy



Original Color

53.1408, 57.2508, 33.7474

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.2634, 14.9030, 18.7917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1408, 57.2508, 33.7474 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 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, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1408, 57.2508, 33.7474 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, 0) }
```


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

```
.border{ border-color:rgb(255, 88, 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, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.1408, 57.2508, 33.7474 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, 0) }
```

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

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