

Converting Colors

HunterLab(52.9768, 57.7097,
33.6544)

Have a look what the booklet for
HunterLab(52.9768, 57.7097,
33.6544) contains.

HunterLab(52.9872, 57.6807, 33.6602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(52.9872, 57.6807,
33.6602)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5700
RGB	255, 87, 0
RGB Percent	100%, 34%, 0%
CMY	0.0000, 0.6588, 1.0000
CMYK	0.00, 0.66, 1.00, 0.00
HSL	20°, 100%, 50%
HSV	20°, 100%, 100%
XYZ	44.6483, 28.0764, 3.0661
YIQ	127.3140, 128.0550, 8.5590

Conversions

Conversions Part 2

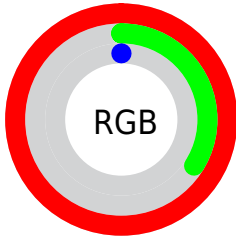
Format	Color
RYB	255, 132, 0
Decimal	16733952
CIELab	59.96, 61.27, 70.11
CIElCh	60, 93.114, 48.851
Yxy	28.0781, 0.5891, 0.3705
Android (android.graphics.Color)	4294924032 (0xFFFF5700)
YUV	127.3140, -62.7658, 111.9806
Hunter-Lab	52.9872, 57.6807, 33.6602

Details

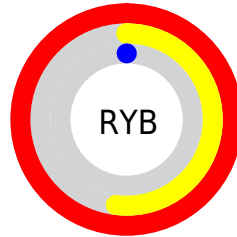
The HunterLab color **52.9872, 57.6807, 33.6602** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **59.3493, -7.4621, -58.0725**, and the grayscale version is **46.3969, -2.4756, 2.5208**.

A 20% lighter version of the original color is **64.4980, 31.5843, 35.5582**, and **33.5925, 53.9650, 21.6443** is the 20% darker color. If you saturate the color by 10%, you get **52.9881, 57.6774, 33.6607**, and if you desaturate by 10%, it is **55.8523, 50.3961, 34.2912**.

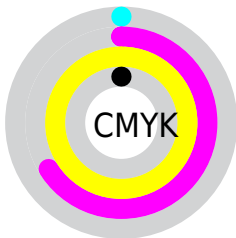
Distribution



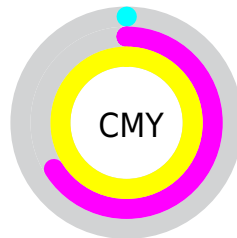
- Red (100%)
- Green (34%)
- Blue (0%)



- Red (100%)
- Yellow (52%)
- Blue (0%)



- Cyan (0%)
- Magenta (66%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 52.9872, 57.6807, 33.6602 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 52.9872, 57.6807, 33.6602 by changing the saturation by 10% instead.


 52.9872, 57.6807,
33.6602


 52.9872, 57.6807,
33.6602

171.1257, 72.0353,
72.2509

 42.8772, 55.6058,
28.4533


 75.2390, 61.5279,
43.3748


 33.5058, 53.4668,
23.4541


 87.3014, 63.3025,
47.9240


 24.9386, 51.3217,
17.4570

 99.9473, 64.9787,
52.3003

 17.2595, 49.3410,
12.0817

 113.1509, 66.5606,
56.5253

 10.5865, 48.0457,
7.4105

 126.8896, 68.0527,
60.6178


0.0000, INF, NaN

0.0000, INF, NaN


 141.1433, 69.4597,


64.5941


0.0000, NaN, NaN


 155.8941, 70.7858,
68.4678

0.0000, NaN, NaN


 52.9872, 57.6807,
33.6602


 52.9872, 57.6807,
33.6602

 52.9881, 57.6774,
33.6607

 55.8523, 50.3961,
34.2912

 59.2276, 42.9052,
34.1108

 63.0845, 35.5095,
32.9807

 67.3790, 28.3972,
30.9530

 72.0653, 21.6784,
28.1238

77.0999, 15.4043,
24.6007

82.4433, 9.5861,
20.4863

88.0608, 4.2095,
15.8711

93.9221, -0.7533,
10.8318

Harmonies

Analogous

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



52.9888, 91.0461, 21.4581



52.9872, 57.6807, 33.6602



52.9888, 12.8320, 36.1517

Triad

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



52.9888, 57.6755, 33.6609



52.9888, -59.0390, 15.1424



52.9888, 24.2990, -123.0471

Complementary

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



52.9872, 57.6807, 33.6602



59.3493, -7.4621, -58.0725

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.



52.9888, -16.8611, -130.2503



52.9872, 57.6807, 33.6602



52.9888, -57.6340, -26.5206

Square

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



52.9888, 57.6755, 33.6609



52.9888, -49.1005, 31.9371



52.9888, -44.4456, -86.7202



52.9888, 68.1767, -71.0930

Rectangle

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



52.9872, 57.6807, 33.6602



52.9888, -14.1224, 36.2025



52.9888, -44.4456, -86.7202



52.9888, 9.4948, -131.7194

Sweetspot

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



52.9888, 57.6755, 33.6609



82.4421, 9.5876, 20.4875



49.1552, 90.0833, -14.0061



37.0829, 5.5451, 10.3115

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.9888, 57.6755, 33.6609



52.9882, 57.6776, 33.6608



82.8236, -5.0515, 50.9469



43.5891, -0.4570, 4.8919



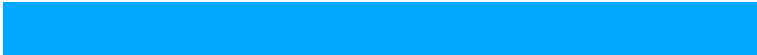
38.6248, 40.7953, 24.5146



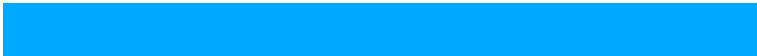
12.8297, 10.6656, 8.0923

Inverse Universe

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



59.3493, -7.4621, -58.0725



59.3487, -7.4610, -58.0744



29.8530, 60.7419, -168.4371



44.0186, -4.0310, -0.2218



43.2354, -5.9234, -41.2535



14.2237, -2.9773, -11.3512

Previews

White Background



This preview shows how the HunterLab color 52.9872, 57.6807, 33.6602 looks on a white background.

Color Contrast Check

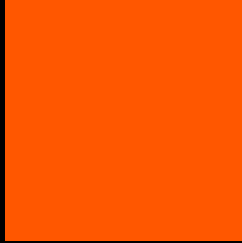
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9872, 57.6807, 33.6602 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 52.9872, 57.6807, 33.6602 Background



This preview shows how black text looks on a background with the HunterLab color 52.9872, 57.6807, 33.6602.



This preview shows how white text looks on a background with the HunterLab color 52.9872, 57.6807,

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

52.9872, 57.6807, 33.6602

Protanopia

53.0250, -7.1961, 31.3883

Deuteranopia

53.1453, 3.1118, 32.8024



Tritanopia

53.0421, 62.1582, 23.6935

Trichromacy



Original Color

52.9872, 57.6807, 33.6602

Protanomaly

51.1777, 15.3319, 31.1895

Deuteranomaly

51.7194, 23.0094, 32.2721

Tritanomaly

52.7982, 60.0769, 29.5269

Monochromacy



Original Color

52.9872, 57.6807, 33.6602

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.0229, 15.3944, 18.6000

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.9872, 57.6807, 33.6602 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, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 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, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.9872, 57.6807, 33.6602 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, 87, 0) }
```


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

```
.border{ border-color:rgb(255, 87, 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, 87, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 52.9872, 57.6807, 33.6602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 0) }
```

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

```
.background{ background-color: rgb(255, 87,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor