

Converting Colors

HunterLab(50.8679, 63.8327,
32.3776)

Have a look what the booklet for
HunterLab(50.8679, 63.8327,
32.3776) contains.

HunterLab(50.8933, 63.7647, 32.3762)	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(50.8933, 63.7647,
32.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4803
RGB	255, 72, 3
RGB Percent	100%, 28%, 1%
CMY	0.0000, 0.7176, 0.9882
CMYK	0.00, 0.72, 0.99, 0.00
HSL	16°, 100%, 51%
HSV	16°, 99%, 100%
XYZ	43.5738, 25.9013, 2.7890
YIQ	118.8510, 131.2170, 17.3370

Conversions

Conversions Part 2

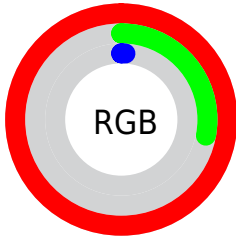
Format	Color
RYB	255, 98, 3
Decimal	16730115
CIELab	57.94, 66.81, 68.53
CIELCh	58, 95.710, 45.729
Yxy	25.9028, 0.6030, 0.3584
Android (android.graphics.Color)	4294920195 (0xFFFF4803)
YUV	118.8510, -57.1145, 119.4027
Hunter-Lab	50.8933, 63.7647, 32.3762

Details

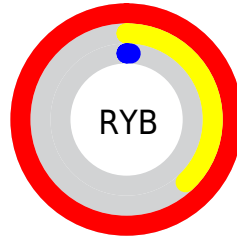
The HunterLab color **50.8933, 63.7647, 32.3762** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **65.0786, -16.1222, -46.3730**, and the grayscale version is **43.0737, -2.2983, 2.3403**.

A 20% lighter version of the original color is **61.5421, 38.2246, 33.7731**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **50.6155, 64.5452, 32.3190**, and if you desaturate by 10%, it is **53.6173, 56.5020, 32.7779**.

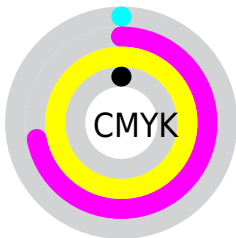
Distribution



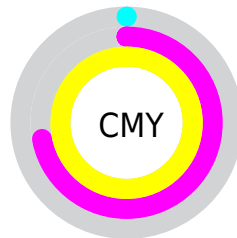
- Red (100%)
- Green (28%)
- Blue (1%)



- Red (100%)
- Yellow (38%)
- Blue (1%)



- Cyan (0%)
- Magenta (72%)
- Yellow (99%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8933, 63.7647, 32.3762 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 50.8933, 63.7647, 32.3762 by changing the saturation by 10% instead.

50.8933, 63.7647,
32.3762

50.8933, 63.7647,
32.3762

168.0193, 79.7639,
70.4584

40.9280, 61.5380,
27.2182

72.8822, 67.9654,
41.9843

31.7129, 59.2878,
22.1991

84.8236, 69.9265,
46.4771

23.3170, 57.1155,
16.3219

97.3541, 71.7905,
50.7958

15.8297, 55.3013,
11.0808

110.4473, 73.5599,
54.9628

9.3783, 54.7173,
6.5648

124.0799, 75.2379,
58.9973


0.0000, INF, NaN

0.0000, INF, NaN


138.2314, 76.8286,


62.9157


0.0000, NaN, NaN


 152.8834, 78.3359,
66.7320


0.0000, NaN, NaN


 50.8933, 63.7647,
32.3762


 50.8933, 63.7647,
32.3762

 50.6155, 64.5452,
32.3190

 53.6173, 56.5020,
32.7779

 56.9854, 48.6851,
32.3350

 60.9560, 40.7153,
30.9850

 65.4692, 32.8787,
28.8136

 70.4627, 25.3548,
25.9432

75.8774, 18.2376,
22.4971

81.6603, 11.5610,
18.5844

87.7656, 5.3210,
14.2944

94.1543, -0.5074,
9.6983

Harmonies

Analogous

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



50.8948, 95.8839, 19.0245



50.8933, 63.7647, 32.3762



50.8948, 17.9117, 35.0442

Triad

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



50.8948, 63.7593, 32.3769



50.8948, -58.2944, 17.8440



50.8948, 20.1318, -132.3225

Complementary

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



50.8933, 63.7647, 32.3762



65.0786, -16.1222, -46.3730

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.



50.8948, -20.5095, -133.7724



50.8933, 63.7647, 32.3762



50.8948, -58.0363, -21.6484

Square

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



50.8948, 63.7593, 32.3769



50.8948, -47.2996, 32.0839



50.8948, -46.4314, -83.8006



50.8948, 65.8159, -80.6814

Rectangle

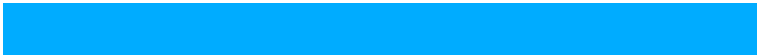
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



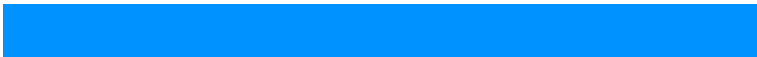
50.8933, 63.7647, 32.3762



50.8948, -10.2527, 35.2458



50.8948, -46.4314, -83.8006



50.8948, 5.2815, -139.5490

Sweetspot

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



50.8948, 63.7593, 32.3769



80.9621, 12.3242, 19.0663



49.9472, 92.4526, -23.9465



36.3171, 6.9892, 9.5985

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.8948, 63.7593, 32.3769



50.6157, 64.5455, 32.3191



77.9978, 3.1983, 48.0523



43.3548, -0.0566, 4.6359



36.8760, 45.8004, 23.5246



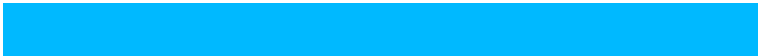
12.2347, 12.2294, 7.7531

Inverse Universe

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



65.0786, -16.1222, -46.3730



64.7980, -15.7862, -46.9140



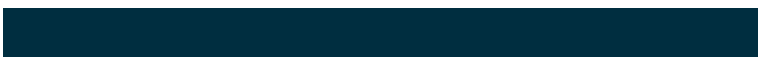
32.6543, 51.0849, -150.7608



44.2614, -4.4241, 0.0705



47.1187, -11.8207, -33.3768



15.3107, -4.5640, -9.2847

Previews

White Background



This preview shows how the HunterLab color 50.8933, 63.7647, 32.3762 looks on a white background.

Color Contrast Check

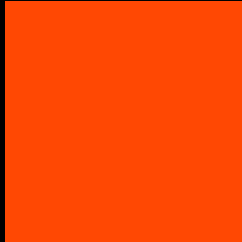
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.8933, 63.7647, 32.3762 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 50.8933, 63.7647, 32.3762 Background



This preview shows how black text looks on a background with the HunterLab color 50.8933, 63.7647, 32.3762.



This preview shows how white text looks on a background with the HunterLab color 50.8933, 63.7647,

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

50.8933, 63.7647, 32.3762

Protanopia

51.0029, -6.9941, 29.9540

Deuteranopia

50.9953, 2.7889, 31.4719



Tritanopia

50.9619, 66.7021, 25.6348

Trichromacy



Original Color

50.8933, 63.7647, 32.3762

Protanomaly

48.6307, 18.5861, 29.4845

Deuteranomaly

49.3459, 25.2995, 30.8151

Tritanomaly

50.8307, 65.2900, 29.4497

Monochromacy



Original Color

50.8933, 63.7647, 32.3762

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.8525, 17.6450, 17.0001

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8933, 63.7647, 32.3762 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, 72, 3)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 3)  
}
```

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, 72, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8933, 63.7647, 32.3762 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, 72, 3) }
```


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

```
.border{ border-color:rgb(255, 72, 3) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 3);  
box-shadow:4px 4px 4px 4px rgb(255, 72, 3)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.8933, 63.7647, 32.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 3) }
```

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

```
.background{ background-color: rgb(255, 72,  
3) }
```

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