

Converting Colors

HunterLab(51.9079, 62.3941,
29.5003)

Have a look what the booklet for
HunterLab(51.9079, 62.3941,
29.5003) contains.

HunterLab(51.9113, 62.3842, 29.5025)	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(51.9113, 62.3842,
29.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4E33
RGB	255, 78, 51
RGB Percent	100%, 31%, 20%
CMY	0.0000, 0.6941, 0.8000
CMYK	0.00, 0.69, 0.80, 0.00
HSL	8°, 100%, 60%
HSV	8°, 80%, 100%
XYZ	44.5620, 26.9478, 5.9847
YIQ	127.8450, 114.1590, 29.1270

Conversions

Conversions Part 2

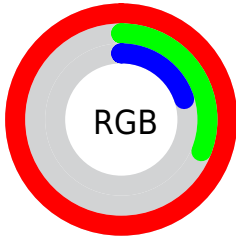
Format	Color
R_{YB}	255, 82, 51
Decimal	16731699
CIE _{Lab}	58.93, 65.47, 53.14
CIE _{LCh}	59, 84.321, 39.067
Yxy	26.9494, 0.5750, 0.3477
Android (android.graphics.Color)	4294921779 (0xFFFF4E33)
YUV	127.8450, -37.8846, 111.5149
Hunter-Lab	51.9113, 62.3842, 29.5025

Details

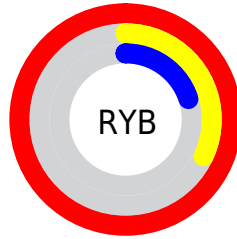
The HunterLab color **51.9113, 62.3842, 29.5025** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **79.6266, -33.6380, -21.9678**, and the grayscale version is **46.5147, -2.4819, 2.5272**.

A 20% lighter version of the original color is **63.0781, 37.7390, 28.1965**, and **33.0898, 56.6739, 21.3305** is the 20% darker color. If you saturate the color by 10%, you get **49.1425, 69.5700, 30.3552**, and if you desaturate by 10%, it is **55.6139, 53.9516, 27.8264**.

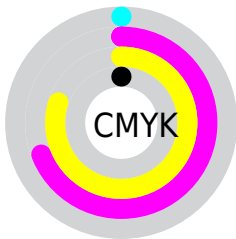
Distribution



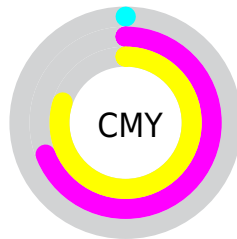
- Red (100%)
- Green (31%)
- Blue (20%)



- Red (100%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (69%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9113, 62.3842, 29.5025 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 51.9113, 62.3842, 29.5025 by changing the saturation by 10% instead.

51.9113, 62.3842,
29.5025

51.9113, 62.3842,
29.5025

169.5324, 77.9522,
59.8346

41.8751, 60.1950,
25.3943

74.0289, 66.4933,
37.1018

32.5835, 57.9680,
21.0304

86.0294, 68.4053,
40.6557

24.1036, 55.7885,
16.8725

98.6163, 70.2199,
44.0799

16.5221, 53.8936,
11.5654

111.7635, 71.9398,
47.3942

9.9616, 53.0081,
6.9731

125.4480, 73.5689,
50.6148

0.0000, INF, NaN

0.0000, INF, NaN

139.6494, 75.1112,

53.7547

0.0000, NaN, NaN

154.3497, 76.5710,
56.8249

0.0000, NaN, NaN

■ 51.9113, 62.3842,
29.5025

■ 51.9113, 62.3842,
29.5025

■ 49.1425, 69.5700,
30.3552

■ 55.6139, 53.9516,
27.8264

■ 47.3187, 74.8935,
30.4686

■ 60.1681, 44.9076,
25.4743

■ 47.3186, 74.8937,
30.4686

■ 65.4736, 35.7339,
22.6324

■ 71.4260, 26.7444,
19.4638

■ 77.9298, 18.1051,
16.0910

■ 84.9033, 9.8808,
12.5967

■ 92.2785, 2.0760,
9.0335

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



51.9128, 84.4232, 12.1396



51.9113, 62.3842, 29.5025



51.9128, 24.2450, 34.3453

Triad

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



51.9128, 62.3790, 29.5033



51.9128, -52.7696, 21.2292



51.9128, 8.5514, -112.7213

Complementary

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



51.9113, 62.3842, 29.5025



79.6266, -33.6380, -21.9678

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.



51.9128, -25.1922, -103.4245



51.9113, 62.3842, 29.5025



51.9128, -54.8414, -8.6154

Square

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



51.9128, 62.3790, 29.5033



51.9128, -39.4873, 32.3178



51.9128, -46.2098, -57.8767



51.9128, 48.2489, -78.3075

Rectangle

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



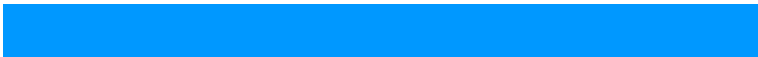
51.9113, 62.3842, 29.5025



51.9128, -1.6441, 34.9342



51.9128, -46.2098, -57.8767



51.9128, -3.8918, -114.9260

Sweetspot

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



51.9128, 62.3790, 29.5033



82.0621, 13.1199, 14.0052



54.2295, 92.3081, -47.7857



36.8213, 7.4311, 7.0546

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.9128, 62.3790, 29.5033



47.9397, 73.0323, 30.4565



72.7078, 13.9748, 42.4928



42.8656, 0.7866, 4.0972



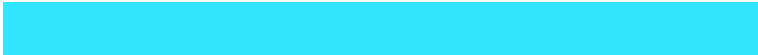
34.3773, 53.5705, 22.1210



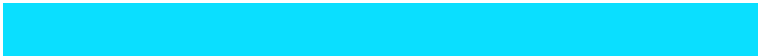
11.2466, 15.0728, 7.1940

Inverse Universe

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



79.6266, -33.6380, -21.9678



77.3565, -32.7943, -25.4196



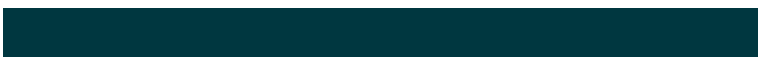
48.6592, 14.9632, -85.0310



44.7738, -5.2472, 0.6823



55.6942, -23.5753, -18.7205



17.6894, -7.7554, -5.3684

Previews

White Background



This preview shows how the HunterLab color 51.9113, 62.3842, 29.5025 looks on a white background.

Color Contrast Check

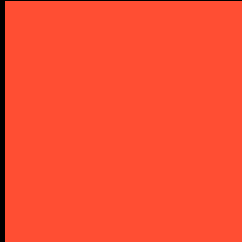
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9113, 62.3842, 29.5025 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 51.9113, 62.3842, 29.5025 Background



This preview shows how black text looks on a background with the HunterLab color 51.9113, 62.3842, 29.5025.



This preview shows how white text looks on a background with the HunterLab color 51.9113, 62.3842,

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

51.9113, 62.3842, 29.5025

Protanopia

51.9074, -6.0649, 25.4479

Deuteranopia

51.9933, 3.6213, 30.2881



Tritanopia

51.9552, 64.4928, 24.7022

Trichromacy



Original Color

51.9113, 62.3842, 29.5025

Protanomaly

49.8788, 18.1352, 25.6352

Deuteranomaly

50.4580, 25.4310, 29.0722

Tritanomaly

51.9590, 63.5548, 26.7050

Monochromacy



Original Color

51.9113, 62.3842, 29.5025

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

45.9028, 18.1766, 13.0305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9113, 62.3842, 29.5025 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, 78, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 51)  
}
```

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, 78, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9113, 62.3842, 29.5025 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, 78, 51) }
```


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

```
.border{ border-color:rgb(255, 78, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 78, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9113, 62.3842, 29.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 51) }
```

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

```
.background{ background-color: rgb(255, 78,  
51) }
```

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