

Converting Colors

HunterLab(51.2322, 63.4889,
31.0026)

Have a look what the booklet for
HunterLab(51.2322, 63.4889,
31.0026) contains.

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Color

**HunterLab(51.2517, 63.4254,
31.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A21
RGB	255, 74, 33
RGB Percent	100%, 29%, 13%
CMY	0.0000, 0.7098, 0.8706
CMYK	0.00, 0.71, 0.87, 0.00
HSL	11°, 100%, 56%
HSV	11°, 87%, 100%
XYZ	43.9633, 26.2674, 4.1918
YIQ	123.4450, 121.0370, 25.6210

Conversions

Conversions Part 2

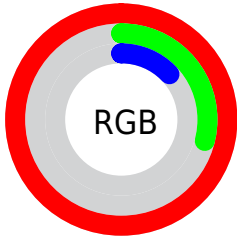
Format	Color
R_{YB}	255, 83, 33
Decimal	16730657
CIE _{Lab}	58.29, 66.46, 60.55
CIE _{LCh}	58, 89.911, 42.337
Yxy	26.2689, 0.5907, 0.3530
Android (android.graphics.Color)	4294920737 (0xFFFF4A21)
YUV	123.4450, -44.5894, 115.3737
Hunter-Lab	51.2517, 63.4254, 31.0269

Details

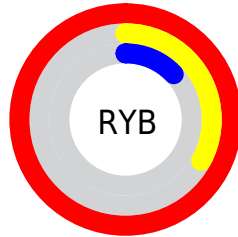
The HunterLab color **51.2517, 63.4254, 31.0269** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **74.5857, -28.2852, -29.7412**, and the grayscale version is **44.8160, -2.3913, 2.4349**.

A 20% lighter version of the original color is **62.1893, 38.2060, 30.9932**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **48.8292, 70.1461, 31.0548**, and if you desaturate by 10%, it is **54.5154, 55.5129, 30.1373**.

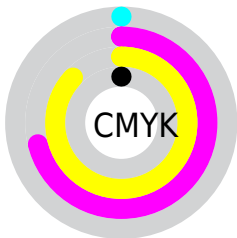
Distribution



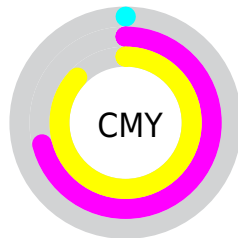
- Red (100%)
- Green (29%)
- Blue (13%)



- Red (100%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2517, 63.4254, 31.0269 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 51.2517, 63.4254, 31.0269 by changing the saturation by 10% instead.

51.2517, 63.4254,
31.0269

51.2517, 63.4254,
31.0269

168.5526, 79.3058,
65.1038

41.2613, 61.2088,
26.3950

73.2861, 67.6009,
39.6093

32.0192, 58.9641,
21.7059

85.2484, 69.5484,
43.6180

23.5935, 56.7876,
16.5155

97.7988, 71.3988,
47.4739

16.0728, 54.9452,
11.2510

110.9111, 73.1545,
51.1985

9.5828, 54.2580,
6.7080

124.5620, 74.8190,
54.8100

0.0000, INF, NaN

0.0000, INF, NaN

138.7311, 76.3964,

58.3233

0.0000, NaN, NaN

153.4002, 77.8906,
61.7510

0.0000, NaN, NaN

51.2517, 63.4254,
31.0269

51.2517, 63.4254,
31.0269

48.8292, 70.1461,
31.0548

54.5154, 55.5129,
30.1373

48.2716, 71.7966,
31.0017

58.5634, 46.9819,
28.4171

63.3170, 38.2855,
26.0052

68.6881, 29.7376,
23.0599

74.5921, 21.5183,
19.7218

80.9543, 13.7088,
16.1004

87.7108, 6.3271,
12.2759

94.8086, -0.6441,
8.3040

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.



51.2532, 90.2380, 15.5560



51.2517, 63.4254, 31.0269



51.2532, 21.4335, 34.6758

Triad

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



51.2532, 63.4201, 31.0277



51.2532, -55.5230, 19.7479



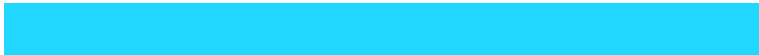
51.2532, 13.8700, -122.6230

Complementary

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



51.2517, 63.4254, 31.0269



74.5857, -28.2852, -29.7412

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.



51.2532, -23.1219, -117.9088



51.2517, 63.4254, 31.0269



51.2532, -56.4593, -14.4418

Square

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



51.2532, 63.4201, 31.0277



51.2532, -43.3273, 32.1922



51.2532, -46.4204, -69.8172



51.2532, 56.5092, -80.0613

Rectangle

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



51.2517, 63.4254, 31.0269



51.2532, -5.6903, 35.0146



51.2532, -46.4204, -69.8172



51.2532, 0.2837, -127.0716

Sweetspot

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



51.2532, 63.4201, 31.0277



81.6518, 12.9076, 15.7043



52.1709, 93.3206, -38.7466



36.7274, 7.1935, 7.8617

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2532, 63.4201, 31.0277



48.2718, 71.7969, 31.0018



74.7945, 9.4393, 45.1126



43.0462, 0.4743, 4.2966



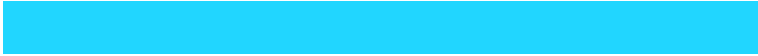
35.1147, 51.1940, 22.5338



11.5724, 14.0978, 7.3776

Inverse Universe

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



74.5857, -28.2852, -29.7412



72.3043, -26.3524, -33.4868



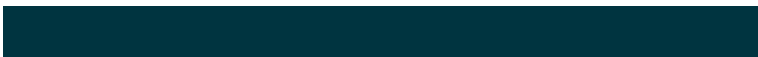
41.5978, 28.2906, -108.7172



44.5838, -4.9431, 0.4563



52.4617, -19.3135, -23.8803



16.7955, -6.5944, -6.7575

Previews

White Background



This preview shows how the HunterLab color 51.2517, 63.4254, 31.0269 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 51.2517, 63.4254, 31.0269 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 51.2517, 63.4254, 31.0269 Background



This preview shows how black text looks on a background with the HunterLab color 51.2517, 63.4254, 31.0269.



This preview shows how white text looks on a background with the HunterLab color 51.2517, 63.4254,

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

51.2517, 63.4254, 31.0269

Protanopia

51.4195, -6.7252, 28.2162

Deuteranopia

51.1099, 3.1747, 31.5492



Tritanopia

51.2454, 66.1234, 25.2392

Trichromacy



Original Color

51.2517, 63.4254, 31.0269

Protanomaly

49.2285, 18.2399, 27.9011

Deuteranomaly

49.5924, 24.9276, 30.5791

Tritanomaly

51.1962, 65.0256, 27.8934

Monochromacy



Original Color

51.2517, 63.4254, 31.0269

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.1580, 18.4923, 14.5461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2517, 63.4254, 31.0269 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, 74, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 33)  
}
```

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, 74, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2517, 63.4254, 31.0269 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, 74, 33) }
```


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

```
.border{ border-color:rgb(255, 74, 33) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2517, 63.4254, 31.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 33) }
```

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

```
.background{ background-color: rgb(255, 74,  
33) }
```

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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