

Converting Colors

HunterLab(51.3723, 62.9914,
31.2594)

Have a look what the booklet for
HunterLab(51.3723, 62.9914,
31.2594) contains.

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Color

**HunterLab(51.3723, 62.9945,
31.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4B1F
RGB	255, 75, 31
RGB Percent	100%, 29%, 12%
CMY	0.0000, 0.7058, 0.8784
CMYK	0.00, 0.71, 0.88, 0.00
HSL	12°, 100%, 56%
HSV	12°, 88%, 100%
XYZ	44.0035, 26.3911, 4.0711
YIQ	123.8040, 121.4040, 24.4760

Conversions

Conversions Part 2

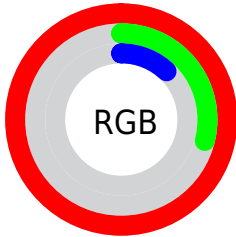
Format	Color
R_{YB}	255, 86, 31
Decimal	16730911
CIE _{Lab}	58.41, 66.08, 61.41
CIE _{LCh}	58, 90.207, 42.903
Yxy	26.3927, 0.5909, 0.3544
Android (android.graphics.Color)	4294920991 (0xFFFF4B1F)
YUV	123.8040, -45.7524, 115.0589
Hunter-Lab	51.3723, 62.9945, 31.2620

Details

The HunterLab color **51.3723, 62.9945, 31.2620** 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 **73.5489, -27.0051, -31.4180**, and the grayscale version is **44.9605, -2.3990, 2.4428**.

A 20% lighter version of the original color is **62.3854, 37.5734, 31.5128**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **48.9482, 69.7401, 31.1911**, and if you desaturate by 10%, it is **54.6128, 55.1152, 30.4849**.

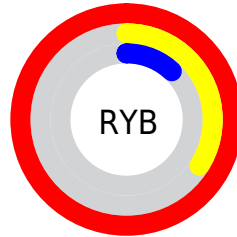
Distribution



Red (100%)

Green (29%)

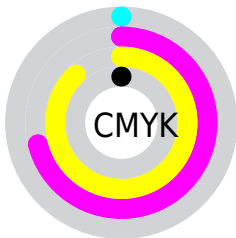
Blue (12%)



Red (100%)

Yellow (34%)

Blue (12%)

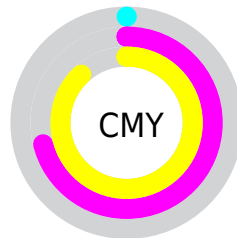


Cyan (0%)

Magenta (71%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (71%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3723, 62.9945, 31.2620 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 51.3723, 62.9945, 31.2620 by changing the saturation by 10% instead.

51.3723, 62.9945,
31.2620

51.3723, 62.9945,
31.2620

168.7319, 78.7648,
65.7498

41.3735, 60.7875,
26.5759

73.4219, 67.1468,
39.9492

32.1223, 58.5493,
21.8648

85.3913, 69.0819,
44.0073

23.6867, 56.3731,
16.5807

97.9484, 70.9198,
47.9105

16.1548, 54.5166,
11.3084

111.0670, 72.6628,
51.6806

9.6518, 53.7749,
6.7563

124.7241, 74.3148,
55.3355

0.0000, INF, NaN

0.0000, INF, NaN

138.8992, 75.8798,

58.8905

0.0000, NaN, NaN

153.5739, 77.3618,
62.3584

0.0000, NaN, NaN

51.3723, 62.9945,
31.2620

51.3723, 62.9945,
31.2620

48.9482, 69.7401,
31.1911

54.6128, 55.1152,
30.4849

48.5281, 70.9786,
31.1454

58.6158, 46.6621,
28.8607

63.3060, 38.0698,
26.5176

68.5987, 29.6394,
23.6092

74.4129, 21.5435,
20.2753

80.6763, 13.8599,
16.6277

87.3271, 6.6057,
12.7497

94.3137, -0.2364,
8.7006

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.



51.3738, 90.3935, 16.0943



51.3723, 62.9945, 31.2620



51.3738, 20.7145, 34.7922

Triad

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



51.3738, 62.9892, 31.2628



51.3738, -55.8344, 19.4054



51.3738, 14.7318, -122.8169

Complementary

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



51.3723, 62.9945, 31.2620



73.5489, -27.0051, -31.4180

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.



51.3738, -22.6267, -119.0825



51.3723, 62.9945, 31.2620



51.3738, -56.5737, -15.4074

Square

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



51.3738, 62.9892, 31.2628



51.3738, -43.8357, 32.1796



51.3738, -46.2790, -71.2656



51.3738, 57.5204, -79.3777

Rectangle

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



51.3723, 62.9945, 31.2620



51.3738, -6.4159, 35.1055



51.3738, -46.2790, -71.2656



51.3738, 1.0341, -127.6277

Sweetspot

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



51.3738, 62.9892, 31.2628



81.8742, 12.4916, 15.9287



52.0496, 93.6179, -38.7054



36.8418, 6.9753, 7.9746

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.3738, 62.9892, 31.2628



48.5283, 70.9789, 31.1455



74.6107, 9.7261, 45.1148



43.0867, 0.4043, 4.3413



35.3102, 50.5763, 22.6434



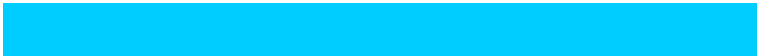
11.6511, 13.8678, 7.4222

Inverse Universe

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



73.5489, -27.0051, -31.4180



71.2980, -24.9863, -35.1779



41.2326, 28.9708, -110.1249



44.5413, -4.8748, 0.4055



51.7458, -18.3443, -25.0775



16.5971, -6.3310, -7.0782

Previews

White Background



This preview shows how the HunterLab color 51.3723, 62.9945, 31.2620 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 51.3723, 62.9945, 31.2620 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 51.3723, 62.9945, 31.2620 Background



This preview shows how black text looks on a background with the HunterLab color 51.3723, 62.9945, 31.2620.



This preview shows how white text looks on a background with the HunterLab color 51.3723, 62.9945,

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

51.3723, 62.9945, 31.2620

Protanopia

51.4034, -6.8145, 28.4533

Deuteranopia

51.2250, 3.5616, 31.6270



Tritanopia

51.3836, 65.8032, 25.1335

Trichromacy



Original Color

51.3723, 62.9945, 31.2620

Protanomaly

49.2140, 18.1664, 28.1161

Deuteranomaly

49.7336, 25.3351, 30.7117

Tritanomaly

51.3233, 64.6467, 27.9770

Monochromacy



Original Color

51.3723, 62.9945, 31.2620

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.5162, 18.3825, 14.8694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3723, 62.9945, 31.2620 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, 75, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 31)  
}
```

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, 75, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3723, 62.9945, 31.2620 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, 75, 31) }
```


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

```
.border{ border-color:rgb(255, 75, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3723, 62.9945, 31.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 31) }
```

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

```
.background{ background-color: rgb(255, 75,  
31) }
```

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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