

Converting Colors

HunterLab(49.9226, 67.4705,
29.5786)

Have a look what the booklet for
HunterLab(49.9226, 67.4705,
29.5786) contains.

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Color

**HunterLab(49.9682, 67.5941,
29.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F28
RGB	255, 63, 40
RGB Percent	100%, 25%, 16%
CMY	0.0000, 0.7529, 0.8431
CMYK	0.00, 0.75, 0.84, 0.00
HSL	6°, 100%, 58%
HSV	6°, 84%, 100%
XYZ	43.4005, 24.9682, 4.5394
YIQ	117.7860, 121.8150, 33.5510

Conversions

Conversions Part 2

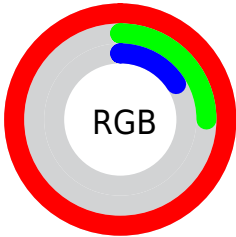
Format	Color
R_{YB}	255, 66, 40
Decimal	16727848
CIE Lab	57.05, 70.17, 56.59
CIE LCh	57, 90.148, 38.884
Yxy	24.9697, 0.5953, 0.3425
Android (android.graphics.Color)	4294917928 (0xFFFF3F28)
YUV	117.7860, -38.3485, 120.3367
Hunter-Lab	49.9682, 67.5941, 29.5915

Details

The HunterLab color **49.9682, 67.5941, 29.5915** 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 **80.8555, -36.0215, -20.1816**, and the grayscale version is **42.5939, -2.2727, 2.3142**.

A 20% lighter version of the original color is **60.5380, 42.5975, 28.7926**, and **32.8920, 56.3285, 21.2540** is the 20% darker color. If you saturate the color by 10%, you get **47.7777, 73.6376, 30.1915**, and if you desaturate by 10%, it is **53.1683, 59.7750, 28.1464**.

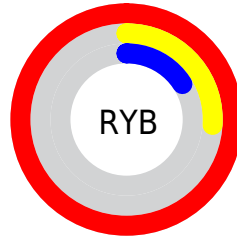
Distribution



Red (100%)

Green (25%)

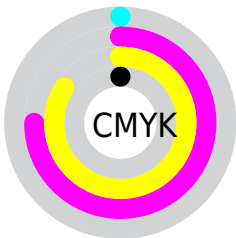
Blue (16%)



Red (100%)

Yellow (26%)

Blue (16%)

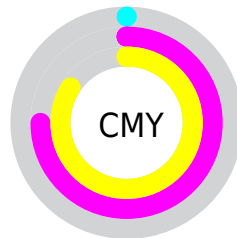


Cyan (0%)

Magenta (75%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9682, 67.5941, 29.5915 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 49.9682, 67.5941, 29.5915 by changing the saturation by 10% instead.

49.9682, 67.5941,
29.5915

49.9682, 67.5941,
29.5915

166.6395, 84.5262,
61.8376

40.0681, 65.2917,
25.1979

71.8388, 71.9863,
37.7121

30.9237, 62.9960,
20.6704

83.7258, 74.0519,
41.5016

22.6053, 60.8398,
15.8237

96.2045, 76.0225,
45.1468

15.2051, 59.1826,
10.6436

109.2481, 77.8991,
48.6691

8.8319, 59.3942,
6.1823

122.8331, 79.6843,
52.0860

0.0000, INF, NaN

0.0000, INF, NaN

136.9387, 81.3814,

55.4119

0.0000, NaN, NaN

151.5464, 82.9941,
58.6591

0.0000, NaN, NaN

■ 49.9682, 67.5941,
29.5915

■ 49.9682, 67.5941,
29.5915

■ 47.7777, 73.6376,
30.1915

■ 53.1683, 59.7750,
28.1464

■ 46.9652, 76.0654,
30.2714

■ 57.3218, 50.8696,
25.9744

■ 62.3321, 41.4963,
23.2728

■ 68.0852, 32.1076,
20.2302

■ 74.4716, 22.9725,
16.9912

81.3946, 14.2195,
13.6529

88.7735, 5.8869,
10.2749

96.5423, -2.0363,
6.8903

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.



49.9697, 91.5500, 12.2788



49.9682, 67.5941, 29.5915



49.9697, 26.3646, 33.7955

Triad

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



49.9697, 67.5886, 29.5923



49.9697, -54.0713, 21.7938



49.9697, 9.0814, -125.5340

Complementary

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



49.9682, 67.5941, 29.5915



80.8555, -36.0215, -20.1816

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.



49.9697, -26.2904, -114.6543



49.9682, 67.5941, 29.5915



49.9697, -56.1825, -9.2039

Square

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



49.9697, 67.5886, 29.5923



49.9697, -40.6577, 32.1779



49.9697, -47.6589, -63.2313



49.9697, 51.7521, -86.8289

Rectangle

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



49.9682, 67.5941, 29.5915



49.9697, -1.2424, 34.2966



49.9697, -47.6589, -63.2313



49.9697, -4.0796, -127.9295

Sweetspot

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



49.9697, 67.5886, 29.5923



80.9040, 14.8074, 13.8841



53.5624, 95.4819, -51.0725



36.2840, 8.2562, 6.9687

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9697, 67.5886, 29.5923



46.9654, 76.0657, 30.2715



70.5613, 17.7028, 42.1026



42.7783, 0.9381, 4.0004



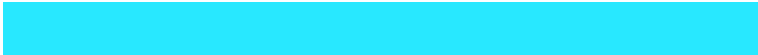
34.0968, 54.4941, 21.9643



11.0895, 15.5579, 7.1056

Inverse Universe

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



80.8555, -36.0215, -20.1816



79.0850, -35.2233, -22.8123



47.5320, 15.9076, -88.4424



44.8660, -5.3945, 0.7917



57.2842, -25.6099, -16.3157



18.1281, -8.3110, -4.7174

Previews

White Background



This preview shows how the HunterLab color 49.9682, 67.5941, 29.5915 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 49.9682, 67.5941, 29.5915 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 49.9682, 67.5941, 29.5915 Background



This preview shows how black text looks on a background with the HunterLab color 49.9682, 67.5941, 29.5915.



This preview shows how white text looks on a background with the HunterLab color 49.9682, 67.5941,

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

49.9682, 67.5941, 29.5915

Protanopia

49.9794, -5.7774, 25.7874

Deuteranopia

49.8735, 3.1878, 30.4112



Tritanopia

49.9563, 69.1003, 26.4113

Trichromacy



Original Color

49.9682, 67.5941, 29.5915

Protanomaly

47.2726, 20.8517, 25.4195

Deuteranomaly

48.0234, 27.1974, 29.1308

Tritanomaly

49.9811, 68.4305, 27.7085

Monochromacy



Original Color

49.9682, 67.5941, 29.5915

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.1881, 20.7838, 12.7660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9682, 67.5941, 29.5915 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, 63, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 40)  
}
```

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, 63, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9682, 67.5941, 29.5915 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, 63, 40) }
```


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

```
.border{ border-color:rgb(255, 63, 40) }
```

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

Here you see how a box with a 4 pixel rgb(255, 63, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9682, 67.5941, 29.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 40) }
```

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

```
.background{ background-color: rgb(255, 63,  
40) }
```

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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