

Converting Colors

HunterLab(49.1165, 67.8865,
29.0231)

Have a look what the booklet for
HunterLab(49.1165, 67.8865,
29.0231) contains.

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Color

**HunterLab(49.1567, 68.1404,
29.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	FD3B28
RGB	253, 59, 40
RGB Percent	99%, 23%, 16%
CMY	0.0078, 0.7686, 0.8431
CMYK	0.00, 0.77, 0.84, 0.01
HSL	5°, 98%, 57%
HSV	5°, 84%, 99%
XYZ	42.4550, 24.1638, 4.4340
YIQ	114.8400, 121.7230, 35.2190

Conversions

Conversions Part 2

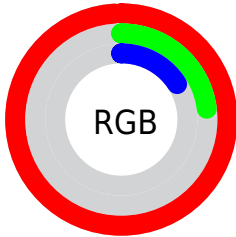
Format	Color
RYB	253, 61, 40
Decimal	16595752
CIELab	56.25, 70.78, 55.76
CIELCh	56, 90.104, 38.235
Yxy	24.1653, 0.5975, 0.3401
Android (android.graphics.Color)	4294785832 (0xFFFD3B28)
YUV	114.8400, -36.8961, 121.1663
Hunter-Lab	49.1567, 68.1404, 29.0617

Details

The HunterLab color **49.1567, 68.1404, 29.0617** 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 **81.4738, -37.3660, -18.0757**, and the grayscale version is **41.4514, -2.2117, 2.2521**.

A 20% lighter version of the original color is **59.7127, 44.6116, 28.1914**, and **32.5035, 55.6633, 21.0030** is the 20% darker color. If you saturate the color by 10%, you get **47.0918, 73.8400, 29.7554**, and if you desaturate by 10%, it is **52.2598, 60.5141, 27.5358**.

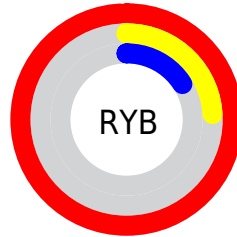
Distribution



Red (99%)

Green (23%)

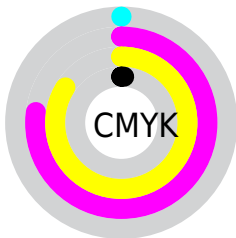
Blue (16%)



Red (99%)

Yellow (24%)

Blue (16%)

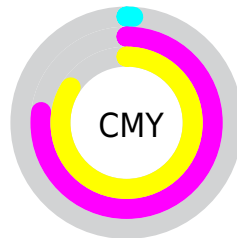


Cyan (0%)

Magenta (77%)

Yellow (84%)

Black (1%)



Cyan (1%)

Magenta (77%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1567, 68.1404, 29.0617 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 49.1567, 68.1404, 29.0617 by changing the saturation by 10% instead.

■ 49.1567, 68.1404,
29.0617

■ 49.1567, 68.1404,
29.0617

165.4252, 85.2852,
60.9836

■ 39.3145, 65.8237,
24.7053

■ 70.9224, 72.5754,
37.1062

■ 30.2328, 63.5257,
20.2387

■ 82.7612, 74.6651,
40.8580

■ 21.9836, 61.3938,
15.3885

■ 95.1940, 76.6605,
44.4661

■ 14.6611, 59.8287,
10.2628

■ 108.1937, 78.5619,
47.9520

■ 8.3201, 60.9995,
5.8240

■ 121.7365, 80.3716,
51.3334

0.0000, INF, NaN

0.0000, INF, NaN

■ 135.8016, 82.0930,

54.6247

0.0000, NaN, NaN

150.3701, 83.7296,
57.8381

0.0000, NaN, NaN

■ 49.1567, 68.1404,
29.0617

■ 49.1567, 68.1404,
29.0617

■ 47.0918, 73.8400,
29.7554

■ 52.2598, 60.5141,
27.5358

■ 46.3454, 76.0603,
29.8894

■ 56.3509, 51.6610,
25.3085

■ 61.3319, 42.2395,
22.5882

■ 67.0845, 32.7426,
19.5695

■ 73.4931, 23.4684,
16.3979

80.4562, 14.5621,
13.1672

87.8888, 6.0703,
9.9319

95.7217, -2.0145,
6.7200

99.8111, -5.9935,
5.1991

Harmonies

Analogous

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



49.1582, 91.4884, 11.5522



49.1567, 68.1404, 29.0617



49.1582, 27.1991, 33.2886

Triad

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



49.1582, 68.1349, 29.0625



49.1582, -53.4078, 21.9739



49.1582, 8.1781, -125.9017

Complementary

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



49.1567, 68.1404, 29.0617



81.4738, -37.3660, -18.0757

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.



49.1582, -26.6910, -113.8542



49.1567, 68.1404, 29.0617



49.1582, -55.7121, -8.2441

Square

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



49.1582, 68.1349, 29.0625



49.1582, -39.8829, 31.8547



49.1582, -47.5427, -61.8649



49.1582, 50.6750, -87.9633

Rectangle

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



49.1567, 68.1404, 29.0617



49.1582, -0.3757, 33.8267



49.1582, -47.5427, -61.8649



49.1582, -4.8357, -127.9041

Sweetspot

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



49.1582, 68.1349, 29.0625



80.5843, 15.4154, 13.5540



53.3036, 95.2462, -53.1217



36.1192, 8.5772, 6.8019

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1582, 68.1349, 29.0625



46.7584, 76.7583, 30.1561



69.0480, 19.3101, 41.1612



42.7172, 1.0443, 3.9327



33.9293, 55.0511, 21.8708



10.9780, 15.9080, 7.0431

Inverse Universe

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



81.4738, -37.3660, -18.0757



80.6635, -37.2147, -20.4864



48.1433, 13.7137, -84.5378



44.9307, -5.4976, 0.8683



58.4064, -27.0240, -14.6658



18.4374, -8.6976, -4.2695

Previews

White Background



This preview shows how the HunterLab color 49.1567, 68.1404, 29.0617 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 49.1567, 68.1404, 29.0617 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 49.1567, 68.1404, 29.0617 Background



This preview shows how black text looks on a background with the HunterLab color 49.1567, 68.1404, 29.0617.



This preview shows how white text looks on a background with the HunterLab color 49.1567, 68.1404,

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

49.1567, 68.1404, 29.0617

Protanopia

49.1200, -5.9000, 25.1699

Deuteranopia

49.1126, 3.3680, 29.9397



Tritanopia

49.1064, 69.4035, 26.6410

Trichromacy



Original Color

49.1567, 68.1404, 29.0617

Protanomaly

46.1824, 21.1079, 24.6560

Deuteranomaly

47.0913, 27.8274, 28.5489

Tritanomaly

49.1404, 68.8143, 27.7059

Monochromacy



Original Color

49.1567, 68.1404, 29.0617

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.0954, 20.9078, 12.3687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1567, 68.1404, 29.0617 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(253, 59, 40)` looks like.

```
.text, #text, p{  
    color:rgb(253, 59, 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(253, 59, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 59, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1567, 68.1404, 29.0617 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(253, 59, 40) }
```


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

```
.border{ border-color:rgb(253, 59, 40) }
```

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

Here you see how a box with a 4 pixel rgb(253, 59, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 59, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 59, 40);  
box-shadow:4px 4px 4px 4px rgb(253, 59,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1567, 68.1404, 29.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 59, 40) }
```

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

```
.background{ background-color: rgb(253, 59,  
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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