

Converting Colors

HunterLab(49.8173, 68.6710,
28.1717)

Have a look what the booklet for
HunterLab(49.8173, 68.6710,
28.1717) contains.

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Color

**HunterLab(49.8362, 68.6144,
28.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D33
RGB	255, 61, 51
RGB Percent	100%, 24%, 20%
CMY	0.0000, 0.7607, 0.8000
CMYK	0.00, 0.76, 0.80, 0.00
HSL	3°, 100%, 60%
HSV	3°, 80%, 100%
XYZ	43.5062, 24.8365, 5.6328
YIQ	117.8660, 118.8340, 38.0180

Conversions

Conversions Part 2

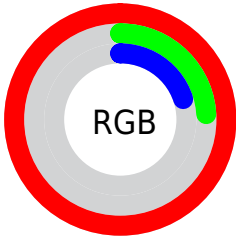
Format	Color
R_{YB}	255, 62, 51
Decimal	16727347
CIE _{Lab}	56.92, 71.04, 51.20
CIE _{LCh}	57, 87.566, 35.779
Yxy	24.8380, 0.5881, 0.3357
Android (android.graphics.Color)	4294917427 (0xFFFF3D33)
YUV	117.8660, -32.9649, 120.2665
Hunter-Lab	49.8362, 68.6144, 28.1840

Details

The HunterLab color **49.8362, 68.6144, 28.1840** 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 **85.5681, -41.1383, -13.5466**, and the grayscale version is **42.6055, -2.2733, 2.3148**.

A 20% lighter version of the original color is **60.2717, 44.3072, 26.3027**, and **32.9053, 56.3780, 21.0561** is the 20% darker color. If you saturate the color by 10%, you get **47.5825, 74.5699, 29.4440**, and if you desaturate by 10%, it is **53.2233, 60.5668, 26.1374**.

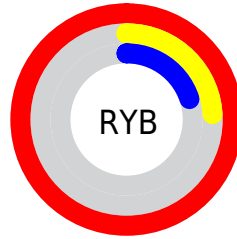
Distribution



Red (100%)

Green (24%)

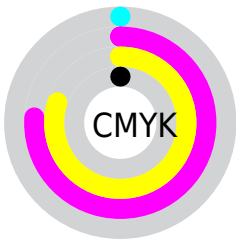
Blue (20%)



Red (100%)

Yellow (24%)

Blue (20%)

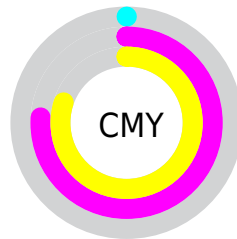


Cyan (0%)

Magenta (76%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8362, 68.6144, 28.1840 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 49.8362, 68.6144, 28.1840 by changing the saturation by 10% instead.


 49.8362, 68.6144,
28.1840


 49.8362, 68.6144,
28.1840


166.4422, 85.7740,
57.7540


 39.9454, 66.2946,
24.1648


 71.6898, 73.0522,
35.6031

 30.8112, 63.9893,
19.8922


 83.5690, 75.1430,
39.0680


 22.5040, 61.8391,
15.7528

 96.0402, 77.1397,
42.4051

 15.1164, 60.2225,
10.5815

 109.0767, 79.0425,
45.6341

 8.7509, 60.6476,
6.1256

 122.6549, 80.8540,
48.7714

0.0000, INF, NaN

0.0000, INF, NaN

 136.7539, 82.5773,

51.8302

0.0000, NaN, NaN

151.3553, 84.2161,
54.8214

0.0000, NaN, NaN

■ 49.8362, 68.6144,
28.1840

■ 49.8362, 68.6144,
28.1840

■ 47.5825, 74.5699,
29.4440

■ 53.2233, 60.5668,
26.1374

■ 46.4064, 77.9454,
29.9599

■ 57.6766, 51.2126,
23.5145

■ 46.4064, 77.9455,
29.9600

■ 63.0785, 41.2761,
20.5575

■ 69.2936, 31.2804,
17.4597

■ 76.1938, 21.5284,
14.3468

83.6690, 12.1586,
11.2878

91.6285, 3.2090,
8.3137

99.9998, -5.3360,
5.4331

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



49.8377, 88.9421, 9.0180



49.8362, 68.6144, 28.1840



49.8377, 29.7727, 33.3245

Triad

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



49.8377, 68.6089, 28.1848



49.8377, -52.1238, 23.1634



49.8377, 4.6551, -121.2318

Complementary

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



49.8362, 68.6144, 28.1840



85.5681, -41.1383, -13.5466

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.



49.8377, -28.4683, -105.7873



49.8362, 68.6144, 28.1840



49.8377, -55.2856, -4.5418

Square

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



49.8377, 68.6089, 28.1848



49.8377, -37.6157, 32.2394



49.8377, -48.0139, -54.7712



49.8377, 45.7526, -88.4533

Rectangle

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



49.8362, 68.6144, 28.1840



49.8377, 2.6478, 33.9877



49.8377, -48.0139, -54.7712



49.8377, -7.7582, -121.6887

Sweetspot

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



49.8377, 68.6089, 28.1848



80.6163, 15.8570, 12.5025



55.1518, 95.7264, -59.9845



36.0708, 8.8863, 6.2896

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8377, 68.6089, 28.1848



46.7595, 76.9251, 29.7883



68.2430, 22.7965, 39.7290



42.5793, 1.2846, 3.7793



33.6343, 56.0423, 21.7064



10.7218, 16.7328, 6.8996

Inverse Universe

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



85.5681, -41.1383, -13.5466



84.4844, -41.7361, -15.0661



53.4258, 5.8179, -71.9687



45.0772, -5.7305, 1.0413



60.9685, -30.1900, -11.0337



19.1427, -9.5644, -3.2798

Previews

White Background



This preview shows how the HunterLab color 49.8362, 68.6144, 28.1840 looks on a white background.

Color Contrast Check

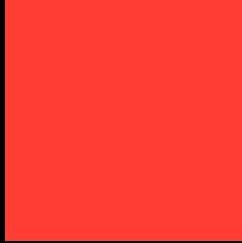
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8362, 68.6144, 28.1840 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 49.8362, 68.6144, 28.1840 Background



This preview shows how black text looks on a background with the HunterLab color 49.8362, 68.6144, 28.1840.



This preview shows how white text looks on a background with the HunterLab color 49.8362, 68.6144,

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

49.8362, 68.6144, 28.1840

Protanopia

49.9385, -5.6177, 23.3945

Deuteranopia

49.8512, 3.2960, 28.9759



Tritanopia

49.8283, 69.3403, 26.6647

Trichromacy



Original Color

49.8362, 68.6144, 28.1840

Protanomaly

47.0386, 21.5842, 23.2490

Deuteranomaly

47.7629, 27.7529, 27.4251

Tritanomaly

49.7867, 69.1721, 27.2795

Monochromacy



Original Color

49.8362, 68.6144, 28.1840

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.0504, 21.6824, 11.3597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8362, 68.6144, 28.1840 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, 61, 51)` looks like.

```
.text, #text, p{  
  color:rgb(255, 61, 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, 61, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8362, 68.6144, 28.1840 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, 61, 51) }
```


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

```
.border{ border-color:rgb(255, 61, 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, 61, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8362, 68.6144, 28.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 51) }
```

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

```
.background{ background-color: rgb(255, 61,  
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](#).

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