

Converting Colors

HunterLab(50.0599, 67.9258,
28.3249)

Have a look what the booklet for
HunterLab(50.0599, 67.9258,
28.3249) contains.

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Color

**HunterLab(50.0540, 67.9432,
28.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F33
RGB	255, 63, 51
RGB Percent	100%, 25%, 20%
CMY	0.0000, 0.7529, 0.8000
CMYK	0.00, 0.75, 0.80, 0.00
HSL	4°, 100%, 60%
HSV	4°, 80%, 100%
XYZ	43.6150, 25.0540, 5.6691
YIQ	119.0400, 118.2840, 36.9720

Conversions

Conversions Part 2

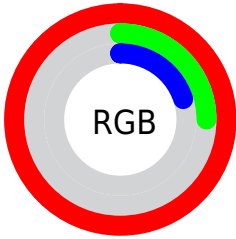
Format	Color
R_{YB}	255, 64, 51
Decimal	16727859
CIE _{Lab}	57.13, 70.45, 51.40
CIE _{LCh}	57, 87.206, 36.117
Yxy	25.0556, 0.5867, 0.3370
Android (android.graphics.Color)	4294917939 (0xFFFF3F33)
YUV	119.0400, -33.5437, 119.2369
Hunter-Lab	50.0540, 67.9432, 28.3226

Details

The HunterLab color **50.0540, 67.9432, 28.3226** 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 **84.8622, -40.2648, -14.5115**, and the grayscale version is **43.0625, -2.2977, 2.3397**.

A 20% lighter version of the original color is **60.6861, 43.2962, 26.6197**, and **32.9053, 56.3780, 21.0561** is the 20% darker color. If you saturate the color by 10%, you get **47.7330, 74.0771, 29.5318**, and if you desaturate by 10%, it is **53.4857, 59.8208, 26.3238**.

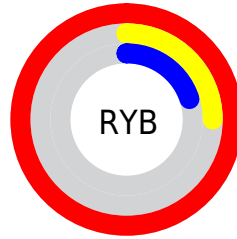
Distribution



Red (100%)

Green (25%)

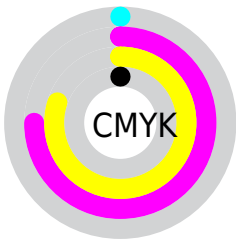
Blue (20%)



Red (100%)

Yellow (25%)

Blue (20%)

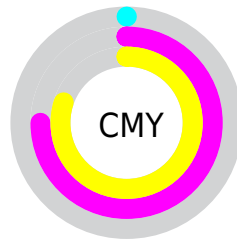


Cyan (0%)

Magenta (75%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0540, 67.9432, 28.3226 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 50.0540, 67.9432, 28.3226 by changing the saturation by 10% instead.


 50.0540, 67.9432,
28.3226


 50.0540, 67.9432,
28.3226

166.7676, 84.9375,
57.9740


 40.1478, 65.6357,
24.2938


 71.9356, 72.3479,
35.7610


 30.9968, 63.3362,
20.0108


 83.8277, 74.4203,
39.2354


 22.6712, 61.1785,
15.8698

 96.3112, 76.3980,
42.5818

 15.2628, 59.5232,
10.6840

 109.3594, 78.2817,
45.8199

 8.8841, 59.6999,
6.2189

 122.9489, 80.0740,
48.9661

0.0000, INF, NaN

0.0000, INF, NaN

 137.0588, 81.7783,

52.0335

0.0000, NaN, NaN

151.6706, 83.3982,
55.0331

0.0000, NaN, NaN

■ 50.0540, 67.9432,
28.3226

■ 50.0540, 67.9432,
28.3226

■ 47.7330, 74.0771,
29.5318

■ 53.4857, 59.8208,
26.3238

■ 46.4780, 77.7028,
29.9998

■ 57.9573, 50.4842,
23.7372

■ 46.4779, 77.7029,
29.9998

■ 63.3529, 40.6280,
20.7974

■ 69.5404, 30.7470,
17.6938

■ 76.3962, 21.1250,
14.5515

■ 83.8135, 11.8901,
11.4418

■ 91.7050, 3.0755,
8.3984

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.



50.0555, 88.4554, 9.3554



50.0540, 67.9432, 28.3226



50.0555, 29.1796, 33.4339

Triad

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



50.0555, 67.9378, 28.3234



50.0555, -52.1935, 22.9791



50.0555, 5.0604, -120.3007

Complementary

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



50.0540, 67.9432, 28.3226



84.8622, -40.2648, -14.5115

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.



50.0555, -28.1336, -105.5293



50.0540, 67.9432, 28.3226



50.0555, -55.2455, -4.9591

Square

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



50.0555, 67.9378, 28.3234



50.0555, -37.8124, 32.2621



50.0555, -47.8347, -55.0976



50.0555, 46.0150, -87.3377

Rectangle

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



50.0540, 67.9432, 28.3226



50.0555, 2.1900, 34.0871



50.0555, -47.8347, -55.0976



50.0555, -7.3582, -120.9503

Sweetspot

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



50.0555, 67.9378, 28.3234



80.7852, 15.5345, 12.6792



54.9617, 95.0241, -57.4852



36.1583, 8.7148, 6.3795

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.0555, 67.9378, 28.3234



46.8629, 76.5782, 29.8468



69.1117, 21.0295, 40.2675



42.6129, 1.2259, 3.8167



33.6961, 55.8336, 21.7408



10.7848, 16.5272, 6.9349

Inverse Universe

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



84.8622, -40.2648, -14.5115



83.6360, -40.6970, -16.2443



52.4488, 7.6176, -74.4951



45.0414, -5.6737, 0.9991



60.3405, -29.4216, -11.9075



18.9699, -9.3539, -3.5183

Previews

White Background



This preview shows how the HunterLab color 50.0540, 67.9432, 28.3226 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 50.0540, 67.9432, 28.3226 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 50.0540, 67.9432, 28.3226 Background



This preview shows how black text looks on a background with the HunterLab color 50.0540, 67.9432, 28.3226.



This preview shows how white text looks on a background with the HunterLab color 50.0540, 67.9432,

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

50.0540, 67.9432, 28.3226

Protanopia

50.3192, -5.7350, 23.6822

Deuteranopia

49.9650, 3.6778, 29.0568



Tritanopia

50.0641, 68.7670, 26.4839

Trichromacy



Original Color

50.0540, 67.9432, 28.3226

Protanomaly

47.4951, 20.5975, 23.5718

Deuteranomaly

48.1225, 27.6784, 27.6641

Tritanomaly

50.0210, 68.5924, 27.1191

Monochromacy



Original Color

50.0540, 67.9432, 28.3226

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.4931, 20.7012, 11.7709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0540, 67.9432, 28.3226 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 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, 63, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0540, 67.9432, 28.3226 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, 51) }
```


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

```
.border{ border-color:rgb(255, 63, 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, 63, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 63, 51); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 63, 51); box-shadow:4px 4px 4px 4px rgb(255, 63, 51) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0540, 67.9432, 28.3226 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, 51) }
```

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

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