

Converting Colors

HunterLab(49.6772, 69.1254,
28.0116)

Have a look what the booklet for
HunterLab(49.6772, 69.1254,
28.0116) contains.

HunterLab(49.6345, 69.3040, 27.9170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.6345, 69.3040,
27.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B34
RGB	255, 59, 52
RGB Percent	100%, 23%, 20%
CMY	0.0000, 0.7686, 0.7961
CMYK	0.00, 0.77, 0.80, 0.00
HSL	2°, 100%, 60%
HSV	2°, 80%, 100%
XYZ	43.4238, 24.6358, 5.7153
YIQ	116.8060, 119.0630, 39.3750

Conversions

Conversions Part 2

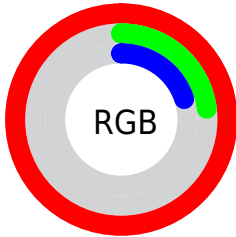
Format	Color
R_{YB}	255, 59, 52
Decimal	16726836
CIE _{Lab}	56.72, 71.65, 50.49
CIE _{LCh}	57, 87.651, 35.175
Yxy	24.6373, 0.5886, 0.3339
Android (android.graphics.Color)	4294916916 (0xFFFF3B34)
YUV	116.8060, -31.9494, 121.1961
Hunter-Lab	49.6345, 69.3040, 27.9170

Details

The HunterLab color **49.6345, 69.3040, 27.9170** 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 **86.6458, -42.3855, -12.0889**, and the grayscale version is **42.1920, -2.2513, 2.2924**.

A 20% lighter version of the original color is **60.0826, 44.8858, 25.9109**, and **32.9086, 56.3903, 21.0067** is the 20% darker color. If you saturate the color by 10%, you get **47.4379, 75.0790, 29.2869**, and if you desaturate by 10%, it is **52.9970, 61.3094, 25.7708**.

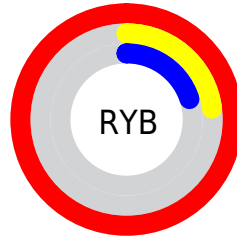
Distribution



Red (100%)

Green (23%)

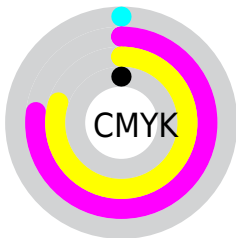
Blue (20%)



Red (100%)

Yellow (23%)

Blue (20%)

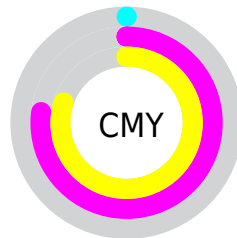


Cyan (0%)

Magenta (77%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.6345, 69.3040, 27.9170 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 49.6345, 69.3040, 27.9170 by changing the saturation by 10% instead.


 49.6345, 69.3040,
27.9170


 49.6345, 69.3040,
27.9170


166.1406, 86.6293,
57.1574


 39.7581, 66.9721,
23.9429


 71.4621, 73.7747,
35.2510


 30.6394, 64.6615,
19.7136


 83.3293, 75.8840,
38.6762


 22.3494, 62.5196,
15.6446

 95.7892, 77.8996,
41.9754

 14.9810, 60.9430,
10.4867

 108.8148, 79.8217,
45.1682

 8.6254, 61.6404,
6.0378

 122.3825, 81.6524,
48.2709

0.0000, INF, NaN

0.0000, INF, NaN

 136.4715, 83.3948,

51.2964

0.0000, NaN, NaN

151.0631, 85.0526,
54.2555

0.0000, NaN, NaN

■ 49.6345, 69.3040,
27.9170

■ 49.6345, 69.3040,
27.9170

■ 47.4379, 75.0790,
29.2869

■ 52.9970, 61.3094,
25.7708

■ 46.3404, 78.1867,
29.8867

■ 57.4611, 51.8990,
23.0752

■ 46.3153, 78.2550,
29.9093

■ 62.9060, 41.8352,
20.0833

■ 69.1905, 31.6752,
16.9919

■ 76.1811, 21.7436,
13.9243

■ 83.7626, 12.1899,
10.9445

■ 91.8408, 3.0564,
8.0777

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.



49.6360, 89.1195, 8.3895



49.6345, 69.3040, 27.9170



49.6360, 30.6274, 33.1805

Triad

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



49.6360, 69.2985, 27.9178



49.6360, -51.8727, 23.4456



49.6360, 3.8834, -121.6402

Complementary

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



49.6345, 69.3040, 27.9170



86.6458, -42.3855, -12.0889

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.



49.6360, -28.9653, -105.1757



49.6345, 69.3040, 27.9170



49.6360, -55.2334, -3.7504

Square

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



49.6360, 69.2985, 27.9178



49.6360, -37.1446, 32.2228



49.6360, -48.2030, -53.6970



49.6360, 44.9544, -89.5977

Rectangle

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



49.6345, 69.3040, 27.9170



49.6360, 3.4315, 33.8723



49.6360, -48.2030, -53.6970



49.6360, -8.4543, -121.7433

Sweetspot

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



49.6360, 69.2985, 27.9178



80.3664, 16.3355, 12.2404



55.2337, 95.4573, -59.8260



35.9414, 9.1406, 6.1563

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6360, 69.2985, 27.9178



46.6226, 77.3862, 29.7109



68.3681, 22.5871, 39.7060



42.5295, 1.3716, 3.7238



33.5444, 56.3466, 21.6564



10.6276, 17.0435, 6.8470

Inverse Universe

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



86.6458, -42.3855, -12.0889



85.7476, -43.2717, -13.3366



53.6047, 5.6181, -71.5116



45.1302, -5.8147, 1.1038



61.9035, -31.3255, -9.7512



19.3998, -9.8757, -2.9293

Previews

White Background



This preview shows how the HunterLab color 49.6345, 69.3040, 27.9170 looks on a white background.

Color Contrast Check

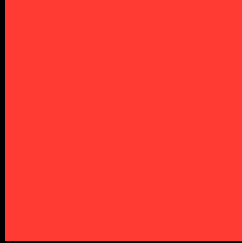
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6345, 69.3040, 27.9170 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 49.6345, 69.3040, 27.9170 Background



This preview shows how black text looks on a background with the HunterLab color 49.6345, 69.3040, 27.9170.



This preview shows how white text looks on a background with the HunterLab color 49.6345, 69.3040,

27.9170.

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

49.6345, 69.3040, 27.9170

Protanopia

49.5850, -5.3523, 22.7138

Deuteranopia

49.4771, 3.4217, 28.6420



Tritanopia

49.6003, 69.8989, 26.8412

Trichromacy



Original Color

49.6345, 69.3040, 27.9170

Protanomaly

46.7010, 21.7971, 22.6149

Deuteranomaly

47.5576, 28.2772, 27.1845

Tritanomaly

49.5698, 69.7764, 27.2912

Monochromacy



Original Color

49.6345, 69.3040, 27.9170

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

41.6792, 21.6880, 11.3306

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6345, 69.3040, 27.9170 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, 59, 52)` looks like.

```
.text, #text, p{  
  color:rgb(255, 59, 52)  
}
```

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, 59, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6345, 69.3040, 27.9170 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, 59, 52) }
```


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

```
.border{ border-color:rgb(255, 59, 52) }
```

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

Here you see how a box with a 4 pixel rgb(255, 59, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6345, 69.3040, 27.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 52) }
```

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

```
.background{ background-color: rgb(255, 59,  
52) }
```

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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