

Converting Colors

HunterLab(49.6494, 67.1165,
24.9063)

Have a look what the booklet for
HunterLab(49.6494, 67.1165,
24.9063) contains.

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Color

**HunterLab(49.6167, 66.8683,
24.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	FB4046
RGB	251, 64, 70
RGB Percent	98%, 25%, 27%
CMY	0.0157, 0.7490, 0.7255
CMYK	0.00, 0.74, 0.72, 0.02
HSL	358°, 96%, 62%
HSV	358°, 74%, 98%
XYZ	42.7225, 24.6182, 8.2944
YIQ	120.5970, 109.5260, 41.5100

Conversions

Conversions Part 2

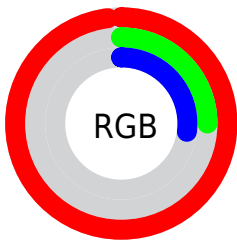
Format	Color
R_{YB}	251, 64, 70
Decimal	16465990
CIE _{Lab}	56.70, 69.64, 40.57
CIE _{LCh}	57, 80.591, 30.223
Yxy	24.6196, 0.5648, 0.3255
Android (android.graphics.Color)	4294656070 (0xFFFB4046)
YUV	120.5970, -24.9443, 114.3634
Hunter-Lab	49.6167, 66.8683, 24.8202

Details

The HunterLab color **49.6167, 66.8683, 24.8202** 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 **87.5657, -45.0066, -5.3284**, and the grayscale version is **43.6365, -2.3283, 2.3709**.

A 20% lighter version of the original color is **61.0403, 44.9606, 21.4475**, and **32.4248, 55.7585, 19.1692** is the 20% darker color. If you saturate the color by 10%, you get **47.0632, 73.1182, 27.0622**, and if you desaturate by 10%, it is **53.3726, 58.4310, 22.0693**.

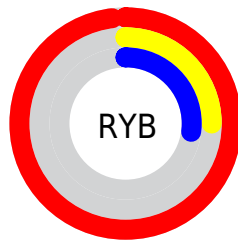
Distribution



Red (98%)

Green (25%)

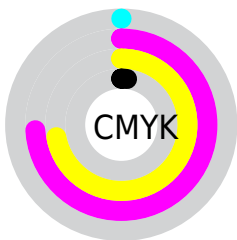
Blue (27%)



Red (98%)

Yellow (25%)

Blue (27%)

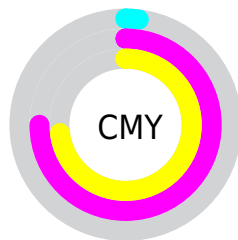


Cyan (0%)

Magenta (74%)

Yellow (72%)

Black (2%)



Cyan (2%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6167, 66.8683, 24.8202 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 49.6167, 66.8683, 24.8202 by changing the saturation by 10% instead.

■ 49.6167, 66.8683,
24.8202

■ 49.6167, 66.8683,
24.8202

166.1139, 83.6919,
49.1616

■ 39.7415, 64.5756,
21.5626

■ 71.4419, 71.2390,
30.8469

■ 30.6242, 62.2883,
18.0834

■ 83.3081, 73.2928,
33.6760

■ 22.3357, 60.1400,
14.6192

■ 95.7670, 75.2513,
36.4121

■ 14.9690, 58.4941,
10.4783

■ 108.7916, 77.1155,
39.0714

■ 8.6143, 58.9613,
6.0300

■ 122.3584, 78.8881,
41.6667

0.0000, INF, NaN

0.0000, INF, NaN

136.4465, 80.5725,

44.2081

0.0000, NaN, NaN

151.0373, 82.1725,
46.7042

0.0000, NaN, NaN

■ 49.6167, 66.8683,
24.8202

■ 49.6167, 66.8683,
24.8202

■ 47.0632, 73.1182,
27.0622

■ 53.3726, 58.4310,
22.0693

■ 45.6879, 76.6250,
28.5475


■ 58.2359, 48.6773,
19.0983


■ 45.3064, 77.6274,
28.9746


■ 64.0665, 38.3675,
16.1405

■ 70.7144, 28.0203,
13.3360

■ 78.0439, 17.9190,
10.7465

 85.9417, 8.1833,
8.3847

 94.3167, -1.1615,
6.2378

 99.6238, -6.6468,
4.9666

Harmonies

Analogous

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



49.6182, 80.4303, 2.9405



49.6167, 66.8683, 24.8202



49.6182, 33.8993, 31.9674

Triad

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



49.6182, 66.8631, 24.8211



49.6182, -47.3751, 24.6295



49.6182, -2.3974, -107.3142

Complementary

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



49.6167, 66.8683, 24.8202



87.5657, -45.0066, -5.3284

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.



49.6182, -30.9606, -86.4147



49.6167, 66.8683, 24.8202



49.6182, -52.3263, 2.4600

Square

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



49.6182, 66.8631, 24.8211



49.6182, -31.2927, 31.9202



49.6182, -47.2225, -39.5482



49.6182, 34.4564, -85.8325

Rectangle

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



49.6167, 66.8683, 24.8202



49.6182, 8.8677, 33.1570



49.6182, -47.2225, -39.5482



49.6182, -13.2047, -104.9071

Sweetspot

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



49.6182, 66.8631, 24.8211



81.4025, 15.7509, 10.3242



54.7757, 89.3085, -63.4716



36.6770, 8.5510, 5.0895

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6182, 66.8631, 24.8211



47.1340, 76.4385, 28.3506



65.6512, 26.0041, 36.5268



41.5141, 1.5945, 3.3575



32.8538, 56.3035, 20.9170



10.0138, 17.1917, 6.1383

Inverse Universe

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



49.6182, 66.8631, 24.8211



47.1340, 76.4385, 28.3506



58.7479, -3.2811, -55.9654



41.5141, 1.5945, 3.3575



32.8538, 56.3035, 20.9170



10.0138, 17.1917, 6.1383

Previews

White Background



This preview shows how the HunterLab color 49.6167, 66.8683, 24.8202 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 49.6167, 66.8683, 24.8202 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 49.6167, 66.8683, 24.8202 Background



This preview shows how black text looks on a background with the HunterLab color 49.6167, 66.8683, 24.8202.



This preview shows how white text looks on a background with the HunterLab color 49.6167, 66.8683,

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

49.6167, 66.8683, 24.8202

Protanopia

49.6363, -4.5030, 17.5747

Deuteranopia

49.7152, 3.2415, 25.7565



Tritanopia

49.6941, 66.3661, 25.4476

Trichromacy



Original Color

49.6167, 66.8683, 24.8202

Protanomaly

47.0511, 21.0905, 18.2677

Deuteranomaly

47.7588, 27.0694, 24.0646

Tritanomaly

49.7063, 66.4159, 25.2683

Monochromacy



Original Color

49.6167, 66.8683, 24.8202

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

42.8935, 21.0827, 9.4243

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6167, 66.8683, 24.8202 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(251, 64, 70)` looks like.

```
.text, #text, p{  
    color:rgb(251, 64, 70)  
}
```

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(251, 64, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 64, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6167, 66.8683, 24.8202 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(251, 64, 70) }
```


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

```
.border{ border-color:rgb(251, 64, 70) }
```

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

Here you see how a box with a 4 pixel rgb(251, 64, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 64, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 64, 70);  
box-shadow:4px 4px 4px 4px rgb(251, 64,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6167, 66.8683, 24.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 64, 70) }
```

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

```
.background{ background-color: rgb(251, 64,  
70) }
```

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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