

Converting Colors

HunterLab(49.0525, 72.4835,
24.6231)

Have a look what the booklet for
HunterLab(49.0525, 72.4835,
24.6231) contains.

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Color

**HunterLab(49.0483, 72.4666,
24.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3345
RGB	255, 51, 69
RGB Percent	100%, 20%, 27%
CMY	0.0000, 0.7999, 0.7294
CMYK	0.00, 0.80, 0.73, 0.00
HSL	355°, 100%, 60%
HSV	355°, 80%, 100%
XYZ	43.4980, 24.0574, 7.9812
YIQ	114.0480, 115.8060, 48.8460

Conversions

Conversions Part 2

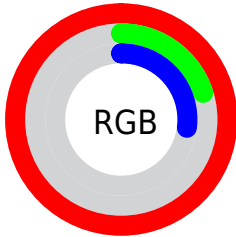
Format	Color
R_{YB}	255, 51, 69
Decimal	16724805
CIE _{Lab}	56.15, 74.34, 40.69
CIE _{LCh}	56, 84.745, 28.694
Yxy	24.0588, 0.5758, 0.3185
Android (android.graphics.Color)	4294914885 (0xFFFF3345)
YUV	114.0480, -22.2087, 123.6149
Hunter-Lab	49.0483, 72.4666, 24.6861

Details

The HunterLab color **49.0483, 72.4666, 24.6861** 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 **88.5095, -49.1854, -0.0014**, and the grayscale version is **41.0940, -2.1927, 2.2327**.

A 20% lighter version of the original color is **59.4059, 48.8954, 20.3555**, and **32.9985, 56.7236, 19.6741** is the 20% darker color. If you saturate the color by 10%, you get **47.0880, 77.1375, 27.1439**, and if you desaturate by 10%, it is **52.2280, 65.1419, 21.7629**.

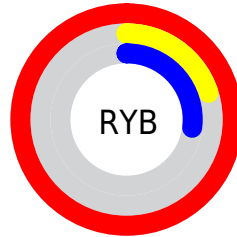
Distribution



Red (100%)

Green (20%)

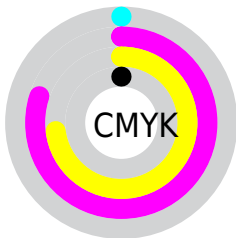
Blue (27%)



Red (100%)

Yellow (20%)

Blue (27%)

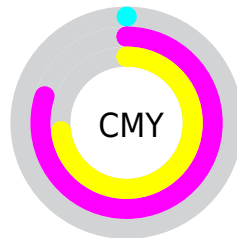


Cyan (0%)

Magenta (80%)

Yellow (73%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.0483, 72.4666, 24.6861 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 49.0483, 72.4666, 24.6861 by changing the saturation by 10% instead.


 49.0483, 72.4666,
24.6861


 49.0483, 72.4666,
24.6861


165.2628, 90.4934,
49.1278


 39.2139, 70.0864,
21.4086


 70.7998, 77.0739,
30.7447


 30.1406, 67.7567,
17.9061


 82.6322, 79.2607,
33.5868


 21.9007, 65.6541,
14.4992

 95.0588, 81.3565,
36.3345

 14.5887, 64.2504,
10.2121

 108.0526, 83.3601,
39.0042

 8.2491, 66.1122,
5.7744

 121.5898, 85.2727,
41.6089

0.0000, INF, NaN

135.6494, 87.0969,

0.0000, INF, NaN

44.1590

0.0000, NaN, NaN

150.2127, 88.8360,
46.6629

0.0000, NaN, NaN

■ 49.0483, 72.4666,
24.6861

■ 49.0483, 72.4666,
24.6861

■ 47.0880, 77.1375,
27.1439

■ 52.2280, 65.1419,
21.7629

■ 46.1737, 79.2013,
28.8313


■ 56.5824, 55.9283,
18.6892

■ 46.1732, 79.2026,
28.8322

■ 61.9918, 45.6743,
15.7262

■ 68.3061, 35.0537,
13.0297

■ 75.3798, 24.4876,
10.6620

 83.0865, 14.1906,
8.6263

 91.3228, 4.2444,
6.8956

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.



49.0498, 85.6082, 1.1716



49.0483, 72.4666, 24.6861



49.0498, 37.9728, 32.0236

Triad

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



49.0498, 72.4611, 24.6870



49.0498, -48.2636, 25.7984



49.0498, -4.1611, -116.1037

Complementary

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



49.0483, 72.4666, 24.6861



88.5095, -49.1854, -0.0014

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.



49.0498, -33.2011, -91.0566



49.0483, 72.4666, 24.6861



49.0498, -53.7877, 4.1224

Square

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



49.0498, 72.4611, 24.6870



49.0498, -31.1969, 32.2718



49.0498, -49.1690, -39.6751



49.0498, 34.5049, -94.7856

Rectangle

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



49.0483, 72.4666, 24.6861



49.0498, 11.4435, 33.1767



49.0498, -49.1690, -39.6751



49.0498, -15.2579, -112.6289

Sweetspot

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



49.0498, 72.4611, 24.6870



79.9295, 18.2773, 9.4036



52.1379, 91.4562, -73.8568



35.7156, 10.1580, 4.6901

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0498, 72.4611, 24.6870



46.4591, 78.5597, 28.2792



61.7801, 36.8461, 35.7058



42.4418, 1.7433, 3.1544



33.3899, 57.3011, 20.6464



10.4592, 18.0294, 5.8457

Inverse Universe

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



49.0498, 72.4611, 24.6870



46.4591, 78.5597, 28.2792



61.6180, -8.0691, -53.2054



42.4418, 1.7433, 3.1544



33.3899, 57.3011, 20.6464



10.4592, 18.0294, 5.8457

Previews

White Background



This preview shows how the HunterLab color 49.0483, 72.4666, 24.6861 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 49.0483, 72.4666, 24.6861 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 49.0483, 72.4666, 24.6861 Background



This preview shows how black text looks on a background with the HunterLab color 49.0483, 72.4666, 24.6861.



This preview shows how white text looks on a background with the HunterLab color 49.0483, 72.4666, 24.6861.

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

49.0483, 72.4666, 24.6861

Protanopia

49.2044, -4.4887, 16.6136

Deuteranopia

48.9380, 3.3352, 25.5240



Tritanopia

49.1576, 70.9321, 27.3231

Trichromacy



Original Color

49.0483, 72.4666, 24.6861

Protanomaly

45.7198, 24.1477, 16.9020

Deuteranomaly

46.4687, 29.8956, 23.5242

Tritanomaly

49.1141, 71.4286, 26.5194

Monochromacy



Original Color

49.0483, 72.4666, 24.6861

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.4516, 23.9178, 8.4083

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0483, 72.4666, 24.6861 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, 51, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 69)  
}
```

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, 51, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0483, 72.4666, 24.6861 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, 51, 69) }
```


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

```
.border{ border-color:rgb(255, 51, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0483, 72.4666, 24.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 69) }
```

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

```
.background{ background-color: rgb(255, 51,  
69) }
```

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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