

Converting Colors

HunterLab(49.1133, 72.5706,
24.0593)

Have a look what the booklet for
HunterLab(49.1133, 72.5706,
24.0593) contains.

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Color

**HunterLab(49.0872, 72.6203,
24.1134)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3348
RGB	255, 51, 72
RGB Percent	100%, 20%, 28%
CMY	0.0000, 0.7999, 0.7176
CMYK	0.00, 0.80, 0.72, 0.00
HSL	354°, 100%, 60%
HSV	354°, 80%, 100%
XYZ	43.5935, 24.0955, 8.4842
YIQ	114.3900, 114.8430, 49.7790

Conversions

Conversions Part 2

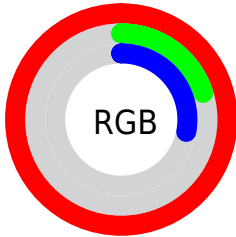
Format	Color
R_{YB}	255, 51, 72
Decimal	16724808
CIE _{Lab}	56.18, 74.46, 39.03
CIE _{LCh}	56, 84.065, 27.665
Yxy	24.0970, 0.5723, 0.3163
Android (android.graphics.Color)	4294914888 (0xFFFF3348)
YUV	114.3900, -20.8983, 123.3150
Hunter-Lab	49.0872, 72.6203, 24.1134

Details

The HunterLab color **49.0872, 72.6203, 24.1134** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **88.4111, -49.7738, 1.3965**, and the grayscale version is **41.2209, -2.1994, 2.2396**.

A 20% lighter version of the original color is **59.4668, 49.1759, 19.4687**, and **33.2129, 57.1306, 19.5046** is the 20% darker color. If you saturate the color by 10%, you get **47.1172, 77.2481, 26.7120**, and if you desaturate by 10%, it is **52.2728, 65.3293, 21.1072**.

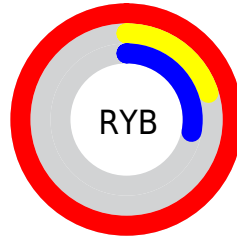
Distribution



Red (100%)

Green (20%)

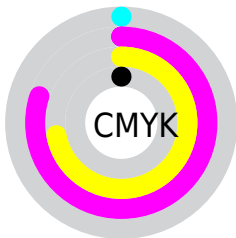
Blue (28%)



Red (100%)

Yellow (20%)

Blue (28%)

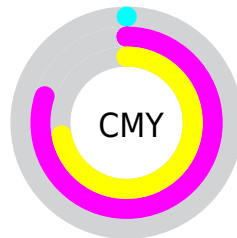


Cyan (0%)

Magenta (80%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0872, 72.6203, 24.1134 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 49.0872, 72.6203, 24.1134 by changing the saturation by 10% instead.


 49.0872, 72.6203,
24.1134


 49.0872, 72.6203,
24.1134


165.3211, 90.6725,
47.7422


 39.2500, 70.2382,
20.9578

 70.8438, 77.2325,
29.9528


 30.1737, 67.9072,
17.5860


 82.6785, 79.4221,
32.6958


 21.9304, 65.8043,
14.1955

 95.1073, 81.5208,
35.3502

 14.6147, 64.4017,
10.2303

 108.1032, 83.5273,
37.9317

 8.2746, 66.2191,
5.7922

 121.6425, 85.4428,
40.4526

0.0000, INF, NaN

0.0000, INF, NaN

135.7040, 87.2701,

42.9229

0.0000, NaN, NaN

150.2692, 89.0121,
45.3505

0.0000, NaN, NaN

■ 49.0872, 72.6203,
24.1134

■ 49.0872, 72.6203,
24.1134

■ 47.1172, 77.2481,
26.7120

■ 52.2728, 65.3293,
21.1072

■ 46.1909, 79.2649,
28.5772

■ 56.6289, 56.1350,
18.0122

■ 46.1903, 79.2661,
28.5781

■ 62.0362, 45.8828,
15.0831

■ 68.3453, 35.2466,
12.4642

■ 75.4114, 24.6493,
10.2072

■ 83.1087, 14.3080,
8.3066

■ 91.3343, 4.3072,
6.7290

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.



49.0887, 84.6748, -0.0173



49.0872, 72.6203, 24.1134



49.0887, 38.9544, 31.8551

Triad

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



49.0887, 72.6148, 24.1143



49.0887, -47.6294, 26.1047



49.0887, -5.3424, -114.5361

Complementary

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



49.0872, 72.6203, 24.1134



88.4111, -49.7738, 1.3965

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.



49.0887, -33.7622, -88.4435



49.0872, 72.6203, 24.1134



49.0887, -53.5012, 5.2173

Square

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



49.0887, 72.6148, 24.1143



49.0887, -30.1971, 32.3071



49.0887, -49.2443, -37.4713



49.0887, 32.8169, -95.0130

Rectangle

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



49.0872, 72.6203, 24.1134



49.0887, 12.6479, 33.1151



49.0887, -49.2443, -37.4713



49.0887, -16.2269, -110.5628

Sweetspot

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



49.0887, 72.6148, 24.1143



79.9557, 18.4138, 9.0272



51.5865, 90.5353, -75.3626



35.7292, 10.2283, 4.4940

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0887, 72.6148, 24.1143



46.4812, 78.6422, 27.9519



61.0370, 38.5766, 35.2417



42.4469, 1.7710, 3.0810



33.4038, 57.3528, 20.4396



10.4690, 18.0657, 5.7007

Inverse Universe

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



49.0887, 72.6148, 24.1143



46.4812, 78.6422, 27.9519



62.6835, -9.7438, -51.0307



42.4469, 1.7710, 3.0810



33.4038, 57.3528, 20.4396



10.4690, 18.0657, 5.7007

Previews

White Background



This preview shows how the HunterLab color 49.0872, 72.6203, 24.1134 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 49.0872, 72.6203, 24.1134 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 49.0872, 72.6203, 24.1134 Background



This preview shows how black text looks on a background with the HunterLab color 49.0872, 72.6203, 24.1134.



This preview shows how white text looks on a background with the HunterLab color 49.0872, 72.6203,

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

49.0872, 72.6203, 24.1134

Protanopia

49.2821, -4.0605, 15.4842

Deuteranopia

48.9695, 3.5039, 25.0602



Tritanopia

48.9745, 70.5883, 27.0379

Trichromacy



Original Color

49.0872, 72.6203, 24.1134

Protanomaly

45.7746, 24.4155, 16.1046

Deuteranomaly

46.5044, 30.0665, 22.9981

Tritanomaly

48.9428, 71.1340, 26.0554

Monochromacy



Original Color

49.0872, 72.6203, 24.1134

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.4751, 24.0313, 8.0696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0872, 72.6203, 24.1134 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0872, 72.6203, 24.1134 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, 72) }
```


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

```
.border{ border-color:rgb(255, 51, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0872, 72.6203, 24.1134 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, 72) }
```

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

```
.background{ background-color: rgb(255, 51,  
72) }
```

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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