

Converting Colors

HunterLab(49.0152, 72.3361,
25.1728)

Have a look what the booklet for
HunterLab(49.0152, 72.3361,
25.1728) contains.

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Color

**HunterLab(49.0112, 72.3204,
25.2314)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3342
RGB	255, 51, 66
RGB Percent	100%, 20%, 26%
CMY	0.0000, 0.7999, 0.7412
CMYK	0.00, 0.80, 0.74, 0.00
HSL	356°, 100%, 60%
HSV	356°, 80%, 100%
XYZ	43.4072, 24.0210, 7.5029
YIQ	113.7060, 116.7690, 47.9130

Conversions

Conversions Part 2

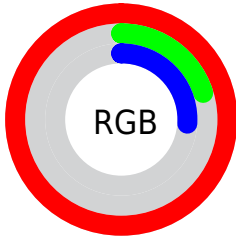
Format	Color
R_{YB}	255, 51, 66
Decimal	16724802
CIE _{Lab}	56.11, 74.23, 42.33
CIE _{LCh}	56, 85.449, 29.697
Yxy	24.0224, 0.5793, 0.3206
Android (android.graphics.Color)	4294914882 (0xFFFF3342)
YUV	113.7060, -23.5191, 123.9148
Hunter-Lab	49.0112, 72.3204, 25.2314

Details

The HunterLab color **49.0112, 72.3204, 25.2314** 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 **88.6093, -48.5886, -1.4197**, and the grayscale version is **40.9670, -2.1859, 2.2258**.

A 20% lighter version of the original color is **59.3275, 48.5344, 21.4975**, and **32.9799, 56.6547, 19.9493** is the 20% darker color. If you saturate the color by 10%, you get **47.0610, 77.0352, 27.5433**, and if you desaturate by 10%, it is **52.1846, 64.9608, 22.3975**.

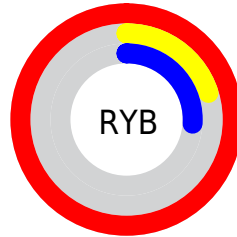
Distribution



Red (100%)

Green (20%)

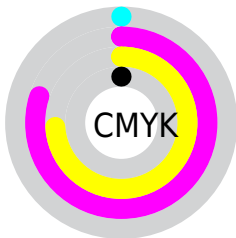
Blue (26%)



Red (100%)

Yellow (20%)

Blue (26%)

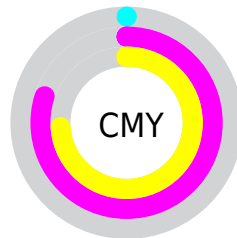


Cyan (0%)

Magenta (80%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0112, 72.3204, 25.2314 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 49.0112, 72.3204, 25.2314 by changing the saturation by 10% instead.

49.0112, 72.3204,
25.2314

49.0112, 72.3204,
25.2314

165.2071, 90.3230,
50.4831

39.1794, 69.9420,
21.8331

70.7579, 76.9230,
31.5079

30.1091, 67.6135,
18.2016

82.5880, 79.1072,
34.4488

21.8723, 65.5113,
14.8016

95.0126, 81.2003,
37.2895

14.5639, 64.1065,
10.1948

108.0044, 83.2011,
40.0472

8.2246, 66.0118,
5.7572

121.5396, 85.1108,
42.7354

0.0000, INF, NaN

0.0000, INF, NaN

135.5973, 86.9323,

45.3651

0.0000, NaN, NaN

150.1588, 88.6685,
47.9452

0.0000, NaN, NaN

■ 49.0112, 72.3204,
25.2314

■ 49.0112, 72.3204,
25.2314

■ 47.0610, 77.0352,
27.5433

■ 52.1846, 64.9608,
22.3975

■ 46.1589, 79.1462,
29.0516

■ 56.5368, 55.7266,
19.3509

■ 46.1584, 79.1475,
29.0523

■ 61.9480, 45.4692,
16.3593

■ 68.2672, 34.8630,
13.5891

■ 75.3482, 24.3272,
11.1136

■ 83.0641, 14.0738,
8.9446

■ 91.3110, 4.1819,
7.0618

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.



49.0127, 86.5432, 2.3212



49.0112, 72.3204, 25.2314



49.0127, 37.0089, 32.1816

Triad

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



49.0127, 72.3149, 25.2323



49.0127, -48.8865, 25.4901



49.0127, -2.9805, -117.6788

Complementary

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



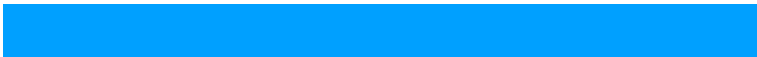
49.0112, 72.3204, 25.2314



88.6093, -48.5886, -1.4197

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.



49.0127, -32.6441, -93.6902



49.0112, 72.3204, 25.2314



49.0127, -54.0721, 3.0121

Square

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



49.0127, 72.3149, 25.2323



49.0127, -32.1761, 32.2382



49.0127, -49.0973, -41.9055



49.0127, 36.1950, -94.5694

Rectangle

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



49.0112, 72.3204, 25.2314



49.0127, 10.2617, 33.2373



49.0127, -49.0973, -41.9055



49.0127, -14.2910, -114.7060

Sweetspot

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



49.0127, 72.3149, 25.2323



79.9033, 18.1415, 9.7779



52.6939, 92.3857, -72.3626



35.7020, 10.0882, 4.8850

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0127, 72.3149, 25.2323



46.4393, 78.4858, 28.5727



62.5382, 35.1070, 36.1791



42.4367, 1.7157, 3.2277



33.3776, 57.2555, 20.8285



10.4493, 17.9930, 5.9909

Inverse Universe

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



49.0127, 72.3149, 25.2323



46.4393, 78.4858, 28.5727



60.5610, -6.3816, -55.4158



42.4367, 1.7157, 3.2277



33.3776, 57.2555, 20.8285



10.4493, 17.9930, 5.9909

Previews

White Background



This preview shows how the HunterLab color 49.0112, 72.3204, 25.2314 looks on a white background.

Color Contrast Check

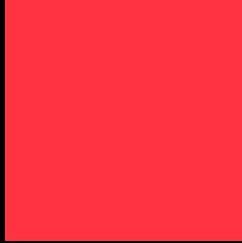
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0112, 72.3204, 25.2314 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 49.0112, 72.3204, 25.2314 Background



This preview shows how black text looks on a background with the HunterLab color 49.0112, 72.3204, 25.2314.



This preview shows how white text looks on a background with the HunterLab color 49.0112, 72.3204,

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

49.0112, 72.3204, 25.2314

Protanopia

49.2232, -4.5705, 17.7773

Deuteranopia

49.0104, 3.5000, 26.1867



Tritanopia

49.0638, 71.2287, 27.2624

Trichromacy



Original Color

49.0112, 72.3204, 25.2314

Protanomaly

45.7868, 24.2025, 18.0402

Deuteranomaly

46.5824, 30.1442, 24.1366

Tritanomaly

49.0117, 71.6789, 26.6132

Monochromacy



Original Color

49.0112, 72.3204, 25.2314

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.4284, 23.8056, 8.7430

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0112, 72.3204, 25.2314 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, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 66)  
}
```

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, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0112, 72.3204, 25.2314 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, 66) }
```


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

```
.border{ border-color:rgb(255, 51, 66) }
```

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, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0112, 72.3204, 25.2314 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, 66) }
```

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

```
.background{ background-color: rgb(255, 51,  
66) }
```

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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