

Converting Colors

HunterLab(49.9066, 70.6502,
23.3651)

Have a look what the booklet for
HunterLab(49.9066, 70.6502,
23.3651) contains.

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Color

**HunterLab(49.9379, 70.5240,
23.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B4E
RGB	255, 59, 78
RGB Percent	100%, 23%, 31%
CMY	0.0000, 0.7686, 0.6941
CMYK	0.00, 0.77, 0.69, 0.00
HSL	354°, 100%, 62%
HSV	354°, 77%, 100%
XYZ	44.1790, 24.9379, 9.6927
YIQ	119.7700, 110.7170, 47.4610

Conversions

Conversions Part 2

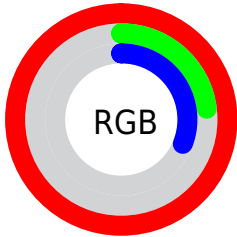
Format	Color
R_{YB}	255, 59, 78
Decimal	16726862
CIE _{Lab}	57.02, 72.59, 36.59
CIE _{LCh}	57, 81.289, 26.750
Yxy	24.9394, 0.5606, 0.3164
Android (android.graphics.Color)	4294916942 (0xFFFF3B4E)
YUV	119.7700, -20.5926, 118.5967
Hunter-Lab	49.9379, 70.5240, 23.4486

Details

The HunterLab color **49.9379, 70.5240, 23.4486** 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 **88.6040, -48.8751, 0.6322**, and the grayscale version is **43.2991, -2.3103, 2.3525**.

A 20% lighter version of the original color is **60.5899, 47.2507, 18.5145**, and **33.2606, 57.3069, 18.8005** is the 20% darker color. If you saturate the color by 10%, you get **47.5941, 76.0559, 26.1606**, and if you desaturate by 10%, it is **53.4986, 62.5294, 20.4069**.

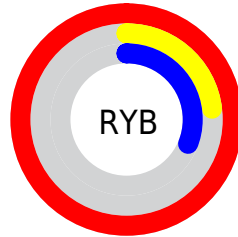
Distribution



Red (100%)

Green (23%)

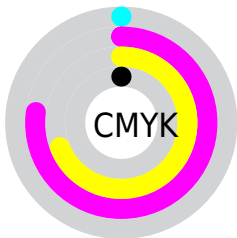
Blue (31%)



Red (100%)

Yellow (23%)

Blue (31%)

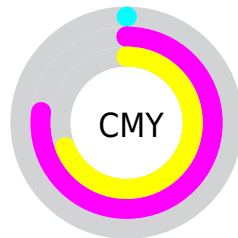


Cyan (0%)

Magenta (77%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.9379, 70.5240, 23.4486 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 49.9379, 70.5240, 23.4486 by changing the saturation by 10% instead.


 49.9379, 70.5240,
23.4486


 49.9379, 70.5240,
23.4486

166.5942, 88.0598,
45.8384


 40.0399, 68.1755,
20.4863


 71.8046, 75.0364,
28.9471


 30.8978, 65.8530,
17.3258


 83.6898, 77.1687,
31.5380


 22.5821, 63.7068,
13.9733

 96.1668, 79.2080,
34.0503

 15.1847, 62.1377,
10.6293

 109.2087, 81.1542,
36.4980

 8.8134, 62.6635,
6.1694

 122.7922, 83.0094,
38.8925

0.0000, INF, NaN

0.0000, INF, NaN

136.8963, 84.7763,

41.2428

0.0000, NaN, NaN

151.5025, 86.4586,
43.5561

0.0000, NaN, NaN

■ 49.9379, 70.5240,
23.4486

■ 49.9379, 70.5240,
23.4486

■ 47.5941, 76.0559,
26.1606

■ 53.4986, 62.5294,
20.4069

■ 46.4088, 78.7369,
28.2349

■ 58.1995, 52.9111,
17.3422

■ 46.1831, 79.2391,
28.6858

■ 63.9072, 42.4796,
14.4793

■ 70.4711, 31.8298,
11.9350

■ 77.7509, 21.3116,
9.7433

■ 85.6280, 11.0920,
7.8905

■ 94.0060, 1.2259,
6.3413

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.



49.9394, 81.2329, -0.9537



49.9379, 70.5240, 23.4486



49.9394, 38.6671, 31.8195

Triad

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



49.9394, 70.5186, 23.4496



49.9394, -46.5649, 26.2680



49.9394, -6.3353, -108.4671

Complementary

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



49.9379, 70.5240, 23.4486



88.6040, -48.8751, 0.6322

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.



49.9394, -33.8065, -82.7883



49.9379, 70.5240, 23.4486



49.9394, -52.7633, 6.1311

Square

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



49.9394, 70.5186, 23.4496



49.9394, -28.9143, 32.5107



49.9394, -48.8103, -34.3517



49.9394, 30.4500, -91.3870

Rectangle

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



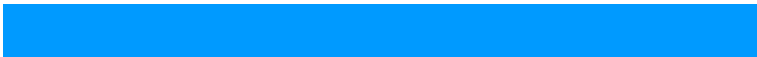
49.9379, 70.5240, 23.4486



49.9394, 13.2886, 33.3049



49.9394, -48.8103, -34.3517



49.9394, -16.8416, -104.2830

Sweetspot

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



49.9394, 70.5186, 23.4496



80.7240, 17.3303, 8.9904



52.9905, 89.1942, -71.6398



36.0571, 9.7426, 4.4850

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9394, 70.5186, 23.4496



46.8507, 77.7849, 27.3233



62.9155, 34.6868, 35.4742



42.4448, 1.7597, 3.1110



33.3979, 57.3310, 20.5269



10.4650, 18.0509, 5.7598

Inverse Universe

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



49.9394, 70.5186, 23.4496



46.8507, 77.7849, 27.3233



62.8005, -9.0013, -50.7788



42.4448, 1.7597, 3.1110



33.3979, 57.3310, 20.5269



10.4650, 18.0509, 5.7598

Previews

White Background



This preview shows how the HunterLab color 49.9379, 70.5240, 23.4486 looks on a white background.

Color Contrast Check

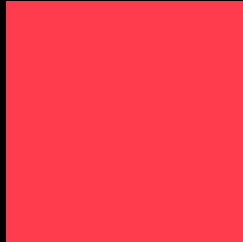
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9379, 70.5240, 23.4486 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 49.9379, 70.5240, 23.4486 Background



This preview shows how black text looks on a background with the HunterLab color 49.9379, 70.5240, 23.4486.



This preview shows how white text looks on a background with the HunterLab color 49.9379, 70.5240,

23.4486.

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

49.9379, 70.5240, 23.4486

Protanopia

50.0638, -3.9892, 14.3059

Deuteranopia

50.0728, 3.2453, 24.6238



Tritanopia

49.8748, 68.3784, 26.3393

Trichromacy



Original Color

49.9379, 70.5240, 23.4486

Protanomaly

47.1391, 22.8883, 15.5287

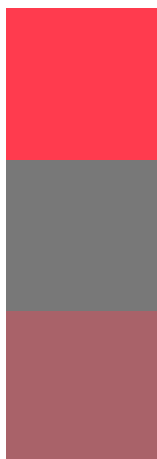
Deuteranomaly

47.7885, 28.4573, 22.5493

Tritanomaly

49.8254, 68.9501, 25.4016

Monochromacy



Original Color

49.9379, 70.5240, 23.4486

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.6501, 22.7929, 8.1010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9379, 70.5240, 23.4486 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, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 78)  
}
```

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, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9379, 70.5240, 23.4486 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, 78) }
```


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

```
.border{ border-color:rgb(255, 59, 78) }
```

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, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9379, 70.5240, 23.4486 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, 78) }
```

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

```
.background{ background-color: rgb(255, 59,  
78) }
```

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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