

Converting Colors

HunterLab(51.5199, 66.9028,
21.9775)

Have a look what the booklet for
HunterLab(51.5199, 66.9028,
21.9775) contains.

HunterLab(51.4662, 67.0353, 21.9989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.4662, 67.0353,
21.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4759
RGB	255, 71, 89
RGB Percent	100%, 28%, 35%
CMY	0.0000, 0.7215, 0.6510
CMYK	0.00, 0.72, 0.65, 0.00
HSL	354°, 100%, 64%
HSV	354°, 72%, 100%
XYZ	45.2964, 26.4877, 12.1764
YIQ	128.0680, 103.8860, 44.6060

Conversions

Conversions Part 2

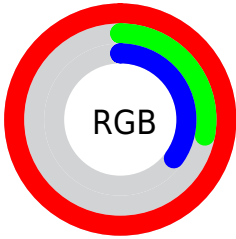
Format	Color
R_{YB}	255, 71, 89
Decimal	16729945
CIE _{Lab}	58.50, 69.44, 32.09
CIE _{LCh}	58, 76.494, 24.802
Yxy	26.4893, 0.5395, 0.3155
Android (android.graphics.Color)	4294920025 (0xFFFF4759)
YUV	128.0680, -19.2605, 111.3194
Hunter-Lab	51.4662, 67.0353, 21.9989

Details

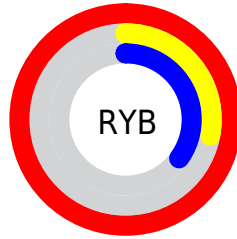
The HunterLab color **51.4662, 67.0353, 21.9989** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **88.8677, -47.7629, 0.4634**, and the grayscale version is **46.5344, -2.4830, 2.5283**.

A 20% lighter version of the original color is **62.7349, 43.9074, 16.3408**, and **33.5533, 58.0029, 17.4802** is the 20% darker color. If you saturate the color by 10%, you get **48.5482, 73.8066, 24.9138**, and if you desaturate by 10%, it is **55.5783, 58.1660, 18.9102**.

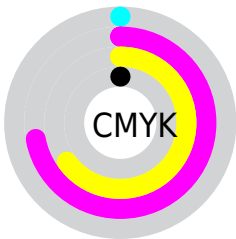
Distribution



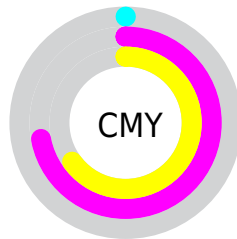
- Red (100%)
- Green (28%)
- Blue (35%)



- Red (100%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.4662, 67.0353, 21.9989 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 51.4662, 67.0353, 21.9989 by changing the saturation by 10% instead.

 51.4662, 67.0353,
21.9989


 51.4662, 67.0353,
21.9989


168.8714, 83.6677,
42.1657


 41.4608, 64.7543,
19.3839


 73.5277, 71.3660,
26.8866


 32.2026, 62.4630,
16.6056


 85.5024, 73.3972,
29.2052


 23.7592, 60.2730,
13.6114

 98.0648, 75.3329,
31.4625

 16.2186, 58.4844,
11.3531

 111.1884, 77.1746,
33.6704

 9.7056, 58.0088,
6.7939

 124.8503, 78.9253,
35.8380

0.0000, INF, NaN

0.0000, INF, NaN

139.0299, 80.5885,

37.9726

0.0000, NaN, NaN

153.7091, 82.1680,
40.0802

0.0000, NaN, NaN

■ 51.4662, 67.0353,
21.9989

■ 51.4662, 67.0353,
21.9989

■ 48.5482, 73.8066,
24.9138

■ 55.5783, 58.1660,
18.9102

■ 46.8348, 77.8302,
27.3302

■ 60.7715, 48.0749,
15.9207

■ 46.1841, 79.2431,
28.6701

■ 66.9003, 37.4818,
13.2033

■ 73.8168, 26.8615,
10.8307

■ 81.3905, 16.4689,
8.8099

■ 89.5133, 6.4101,
7.1141

■ 98.0987, -3.2929,
5.7034

■ 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.



51.4677, 75.3058, -2.8722



51.4662, 67.0353, 21.9989



51.4677, 38.3852, 31.5325

Triad

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



51.4677, 67.0302, 21.9999



51.4677, -44.4597, 26.6165



51.4677, -8.2816, -98.3095

Complementary

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



51.4662, 67.0353, 21.9989



88.8677, -47.7629, 0.4634

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.



51.4677, -34.0053, -73.1425



51.4662, 67.0353, 21.9989



51.4677, -51.3174, 7.8948

Square

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



51.4677, 67.0302, 21.9999



51.4677, -26.3969, 32.8061



51.4677, -48.0292, -28.8382



51.4677, 26.1305, -85.4659

Rectangle

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



51.4662, 67.0353, 21.9989



51.4677, 14.6534, 33.4715



51.4677, -48.0292, -28.8382



51.4677, -18.1080, -93.7133

Sweetspot

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



51.4677, 67.0302, 21.9999



81.5101, 16.3137, 8.7819



54.4646, 85.2555, -67.9356



36.7321, 8.8365, 4.3003

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4677, 67.0302, 21.9999



47.5714, 76.1226, 26.1662



64.6885, 31.5052, 34.9465



42.4452, 1.7614, 3.1065



33.3988, 57.3342, 20.5141



10.4656, 18.0531, 5.7510

Inverse Universe

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



51.4677, 67.0302, 21.9999



47.5714, 76.1226, 26.1662



64.6317, -10.2128, -47.1409



42.4452, 1.7614, 3.1065



33.3988, 57.3342, 20.5141



10.4656, 18.0531, 5.7510

Previews

White Background



This preview shows how the HunterLab color 51.4662, 67.0353, 21.9989 looks on a white background.

Color Contrast Check

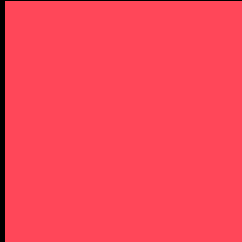
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4662, 67.0353, 21.9989 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 51.4662, 67.0353, 21.9989 Background



This preview shows how black text looks on a background with the HunterLab color 51.4662, 67.0353, 21.9989.



This preview shows how white text looks on a background with the HunterLab color 51.4662, 67.0353, 21.9989.

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

51.4662, 67.0353, 21.9989

Protanopia

51.6949, -3.6929, 12.4873

Deuteranopia

51.3667, 3.7587, 23.1796



Tritanopia

51.3534, 65.1403, 24.6778

Trichromacy



Original Color

51.4662, 67.0353, 21.9989

Protanomaly

49.2379, 21.2801, 13.9630

Deuteranomaly

49.5479, 27.1429, 21.2137

Tritanomaly

51.2832, 65.7557, 23.7516

Monochromacy



Original Color

51.4662, 67.0353, 21.9989

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

45.5291, 21.2809, 7.6962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4662, 67.0353, 21.9989 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, 71, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 89)  
}
```

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, 71, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4662, 67.0353, 21.9989 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, 71, 89) }
```


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

```
.border{ border-color:rgb(255, 71, 89) }
```

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

Here you see how a box with a 4 pixel rgb(255, 71, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4662, 67.0353, 21.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 89) }
```

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

```
.background{ background-color: rgb(255, 71,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor