

Converting Colors

HunterLab(48.9003, 59.5747,
23.5764)

Have a look what the booklet for
HunterLab(48.9003, 59.5747,
23.5764) contains.

HunterLab(48.9356, 59.7610, 23.5630)	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(48.9356, 59.7610,
23.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	F14949
RGB	241, 73, 73
RGB Percent	95%, 29%, 29%
CMY	0.0549, 0.7137, 0.7137
CMYK	0.00, 0.70, 0.70, 0.05
HSL	0°, 86%, 62%
HSV	0°, 70%, 95%
XYZ	39.8608, 23.9469, 8.8247
YIQ	123.2320, 100.1280, 35.6160

Conversions

Conversions Part 2

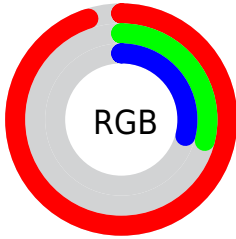
Format	Color
R_{YB}	241, 73, 73
Decimal	15812937
CIE _{Lab}	56.04, 63.76, 37.65
CIE _{LCh}	56, 74.046, 30.559
Yxy	23.9483, 0.5488, 0.3297
Android (android.graphics.Color)	4294003017 (0xFFFF14949)
YUV	123.2320, -24.7644, 103.2825
Hunter-Lab	48.9356, 59.7610, 23.5630

Details

The HunterLab color **48.9356, 59.7610, 23.5630** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **84.0661, -40.7864, -7.6051**, and the grayscale version is **44.6636, -2.3831, 2.4267**.

A 20% lighter version of the original color is **62.3681, 42.1697, 21.6655**, and **30.7178, 52.8939, 17.6105** is the 20% darker color. If you saturate the color by 10%, you get **45.9467, 66.9195, 25.7482**, and if you desaturate by 10%, it is **53.0428, 50.9458, 20.9078**.

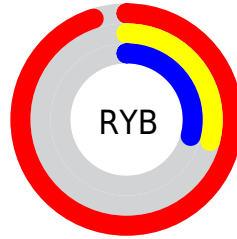
Distribution



Red (95%)

Green (29%)

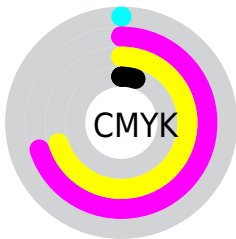
Blue (29%)



Red (95%)

Yellow (29%)

Blue (29%)

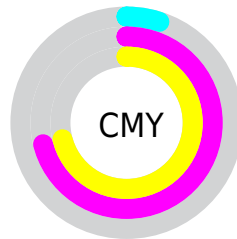


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.9356, 59.7610, 23.5630 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 48.9356, 59.7610, 23.5630 by changing the saturation by 10% instead.


 48.9356, 59.7610,
23.5630


 48.9356, 59.7610,
23.5630


165.0937, 75.1095,
46.5275


 39.1092, 57.5940,
20.5059


 70.6724, 63.8291,
29.2245


 30.0448, 55.3957,
17.2395


 82.4980, 65.7189,
31.8867


 21.8145, 53.2689,
13.8939

 94.9182, 67.5099,
34.4649

 14.5135, 51.5080,
10.1594

 107.9059, 69.2051,
36.9742

 8.1745, 52.1140,
5.7222

 121.4372, 70.8083,
39.4265

0.0000, INF, NaN

0.0000, INF, NaN

135.4911, 72.3240,

41.8312

0.0000, NaN, NaN

150.0489, 73.7563,
44.1961

0.0000, NaN, NaN

■ 48.9356, 59.7610,
23.5630

■ 48.9356, 59.7610,
23.5630

■ 45.9467, 66.9195,
25.7482

■ 53.0428, 50.9458,
20.9078

■ 44.1105, 71.6929,
27.2147

■ 58.1477, 41.2979,
18.0429


■ 43.2640, 74.0021,
27.9270


■ 64.1085, 31.4316,
15.1664


■ 43.2446, 74.0558,
27.9436

■ 70.7865, 21.7197,
12.3933

■ 78.0617, 12.3411,
9.7748

 85.8361, 3.3537,
7.3234

 94.0317, -5.2494,
5.0311

 98.7120, -9.8455,
3.8287

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9370, 72.0707, 3.2122



48.9356, 59.7610, 23.5630



48.9370, 30.1375, 30.7444

Triad

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



48.9370, 59.7562, 23.5639



48.9370, -44.3425, 23.0931



48.9370, -2.0326, -94.2139

Complementary

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



48.9356, 59.7610, 23.5630



84.0661, -40.7864, -7.6051

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.



48.9370, -28.5208, -76.5128



48.9356, 59.7610, 23.5630



48.9370, -48.9714, 2.1090

Square

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



48.9370, 59.7562, 23.5639



48.9370, -29.2999, 30.6153



48.9370, -43.9775, -35.6523



48.9370, 31.3956, -75.2446

Rectangle

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



48.9356, 59.7610, 23.5630



48.9370, 7.5151, 32.0482



48.9370, -43.9775, -35.6523



48.9370, -11.9805, -92.2808

Sweetspot

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



48.9370, 59.7562, 23.5639



82.1482, 14.4891, 10.7900



54.6047, 82.7144, -55.2639



36.9946, 7.9730, 5.3446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.9370, 59.7562, 23.5639



47.9497, 74.0151, 28.2707



65.7995, 19.2290, 35.2021



39.6976, 1.4520, 3.3537



31.8454, 54.5341, 20.5777



9.1854, 15.7281, 5.9353

Inverse Universe

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



84.0661, -40.7864, -7.6051



88.9936, -45.9992, -8.9982



56.4636, -1.8159, -52.6235



42.3424, -5.6064, 1.1784



61.2814, -32.4858, -6.4688



17.6754, -9.3700, -1.8656

Previews

White Background



This preview shows how the HunterLab color 48.9356, 59.7610, 23.5630 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 48.9356, 59.7610, 23.5630 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 48.9356, 59.7610, 23.5630 Background



This preview shows how black text looks on a background with the HunterLab color 48.9356, 59.7610, 23.5630.



This preview shows how white text looks on a background with the HunterLab color 48.9356, 59.7610,

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

48.9356, 59.7610, 23.5630

Protanopia

49.1670, -4.6954, 17.1587

Deuteranopia

48.8919, 3.3105, 24.4822



Tritanopia

48.9772, 59.9360, 22.9516

Trichromacy



Original Color

48.9356, 59.7610, 23.5630

Protanomaly

46.8826, 18.2301, 17.8049

Deuteranomaly

47.4002, 23.8779, 22.9836

Tritanomaly

48.9631, 59.8768, 23.1585

Monochromacy



Original Color

48.9356, 59.7610, 23.5630

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

43.8521, 18.2125, 9.2708

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9356, 59.7610, 23.5630 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(241, 73, 73)` looks like.

```
.text, #text, p{  
    color:rgb(241, 73, 73)  
}
```

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(241, 73, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 73, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9356, 59.7610, 23.5630 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(241, 73, 73) }
```


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

```
.border{ border-color:rgb(241, 73, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 73, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 73, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 73, 73);  
box-shadow:4px 4px 4px 4px rgb(241, 73,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9356, 59.7610, 23.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 73, 73) }
```

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

```
.background{ background-color: rgb(241, 73,  
73) }
```

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