

Converting Colors

HunterLab(49.6653, 57.2286,
23.0009)

Have a look what the booklet for
HunterLab(49.6653, 57.2286,
23.0009) contains.

HunterLab(49.6662, 57.2261, 23.0015)	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(49.6662, 57.2261,
23.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	F04F4E
RGB	240, 79, 78
RGB Percent	94%, 31%, 31%
CMY	0.0588, 0.6902, 0.6941
CMYK	0.00, 0.67, 0.67, 0.06
HSL	0°, 84%, 62%
HSV	0°, 67%, 94%
XYZ	40.1063, 24.6673, 9.8552
YIQ	127.0250, 96.2770, 33.8210

Conversions

Conversions Part 2

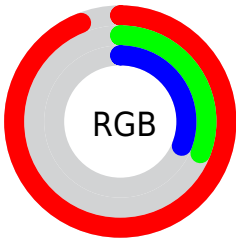
Format	Color
R_{YB}	240, 79, 78
Decimal	15748942
CIE _{Lab}	56.75, 61.45, 35.63
CIE _{LCh}	57, 71.030, 30.111
Yxy	24.6687, 0.5374, 0.3305
Android (android.graphics.Color)	4293939022 (0xFFFF04F4E)
YUV	127.0250, -24.1693, 99.0791
Hunter-Lab	49.6662, 57.2261, 23.0015

Details

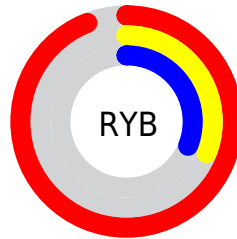
The HunterLab color **49.6662, 57.2261, 23.0015** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **83.4494, -39.6553, -7.8443**, and the grayscale version is **46.1454, -2.4622, 2.5072**.

A 20% lighter version of the original color is **63.5615, 40.0646, 21.1384**, and **30.7521, 53.0210, 17.1034** is the 20% darker color. If you saturate the color by 10%, you get **46.4103, 64.8375, 25.2741**, and if you desaturate by 10%, it is **53.9976, 48.2107, 20.3144**.

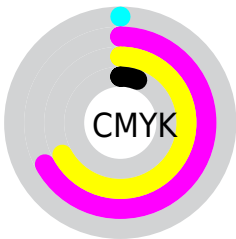
Distribution



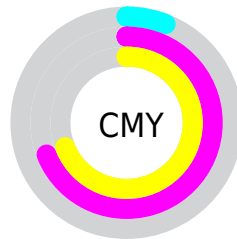
- Red (94%)
- Green (31%)
- Blue (31%)



- Red (94%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (67%)
- Black (6%)



- Cyan (6%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6662, 57.2261, 23.0015 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 49.6662, 57.2261, 23.0015 by changing the saturation by 10% instead.


 49.6662, 57.2261,
23.0015


 49.6662, 57.2261,
23.0015


166.1879, 71.8905,
44.9481


 39.7875, 55.1212,
20.1039


 71.4978, 61.1478,
28.3824


 30.6663, 52.9668,
17.0125


 83.3669, 62.9601,
30.9197


 22.3736, 50.8456,
13.7183

 95.8286, 64.6729,
33.3811

 15.0022, 48.9988,
10.5015

 108.8559, 66.2900,
35.7806

 8.6452, 48.5883,
6.0517

 122.4252, 67.8158,
38.1291

0.0000, INF, NaN

0.0000, INF, NaN

136.5158, 69.2548,

40.4353

0.0000, NaN, NaN

151.1089, 70.6117,
42.7064

0.0000, NaN, NaN

■ 49.6662, 57.2261,
23.0015

■ 49.6662, 57.2261,
23.0015

■ 46.4103, 64.8375,
25.2741

■ 53.9976, 48.2107,
20.3144

■ 44.2890, 70.2768,
26.8766

■ 59.2755, 38.5640,
17.4566


■ 43.2438, 73.1243,
27.6905


■ 65.3602, 28.8240,
14.6046


■ 43.0786, 73.5796,
27.8330

■ 72.1199, 19.3002,
11.8569

■ 79.4422, 10.1314,
9.2556

 87.2363, 1.3539,
6.8093

 95.4296, -7.0486,
4.5096

 98.6231, -10.1591,
3.7172

Harmonies

Analogous

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



49.6676, 68.5582, 2.8090



49.6662, 57.2261, 23.0015



49.6676, 29.2238, 30.5380

Triad

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



49.6676, 57.2215, 23.0024



49.6676, -43.1867, 22.9084



49.6676, -2.5418, -88.4359

Complementary

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



49.6662, 57.2261, 23.0015



83.4494, -39.6553, -7.8443

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.



49.6676, -28.0877, -71.5033



49.6662, 57.2261, 23.0015



49.6676, -47.9231, 2.5979

Square

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



49.6676, 57.2215, 23.0024



49.6676, -28.2388, 30.5106



49.6676, -43.1150, -33.1219



49.6676, 29.4620, -71.2688

Rectangle

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



49.6662, 57.2261, 23.0015



49.6676, 7.5688, 31.9961



49.6676, -43.1150, -33.1219



49.6676, -12.1092, -86.4614

Sweetspot

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



49.6676, 57.2215, 23.0024



83.0401, 13.3338, 10.6143



55.0139, 80.1932, -53.5420



37.3870, 7.4449, 5.2720

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6676, 57.2215, 23.0024



48.7195, 71.9638, 27.8180



66.2356, 18.0479, 34.6780



39.7172, 1.4177, 3.3757



31.8839, 54.4020, 20.5991



9.2262, 15.5887, 5.9580

Inverse Universe

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



83.4494, -39.6553, -7.8443



88.6345, -45.0696, -9.4585



57.1903, -2.4900, -50.2674



42.3215, -5.5733, 1.1537



60.8989, -32.0319, -6.9707



17.5804, -9.2573, -1.9902

Previews

White Background



This preview shows how the HunterLab color 49.6662, 57.2261, 23.0015 looks on a white background.

Color Contrast Check

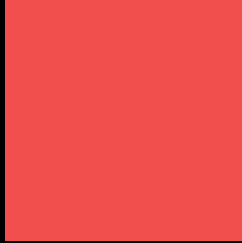
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6662, 57.2261, 23.0015 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 49.6662, 57.2261, 23.0015 Background



This preview shows how black text looks on a background with the HunterLab color 49.6662, 57.2261, 23.0015.



This preview shows how white text looks on a background with the HunterLab color 49.6662, 57.2261,

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

49.6662, 57.2261, 23.0015

Protanopia

49.7307, -3.9824, 16.2000

Deuteranopia

49.7190, 3.4832, 23.9835



Tritanopia

49.5970, 57.9608, 21.7931

Trichromacy



Original Color

49.6662, 57.2261, 23.0015

Protanomaly

47.8100, 17.5805, 17.2116

Deuteranomaly

48.2764, 23.1208, 22.6229

Tritanomaly

49.5662, 57.8301, 22.2432

Monochromacy



Original Color

49.6662, 57.2261, 23.0015

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.3661, 16.9482, 9.3425

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6662, 57.2261, 23.0015 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(240, 79, 78)` looks like.

```
.text, #text, p{  
    color:rgb(240, 79, 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(240, 79, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 79, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6662, 57.2261, 23.0015 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(240, 79, 78) }
```


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

```
.border{ border-color:rgb(240, 79, 78) }
```

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

Here you see how a box with a 4 pixel rgb(240, 79, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 79, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 79, 78);  
box-shadow:4px 4px 4px 4px rgb(240, 79,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6662, 57.2261, 23.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 79, 78) }
```

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

```
.background{ background-color: rgb(240, 79,  
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](#).

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