

Converting Colors

HunterLab(48.7692, 59.5355,
27.8354)

Have a look what the booklet for
HunterLab(48.7692, 59.5355,
27.8354) contains.

HunterLab(48.7003, 59.3636, 27.7741)	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(48.7003, 59.3636,
27.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	F2482F
RGB	242, 72, 47
RGB Percent	95%, 28%, 18%
CMY	0.0510, 0.7176, 0.8157
CMYK	0.00, 0.70, 0.81, 0.05
HSL	8°, 88%, 57%
HSV	8°, 81%, 95%
XYZ	39.4484, 23.7172, 5.1880
YIQ	119.9800, 109.3450, 28.2650

Conversions

Conversions Part 2

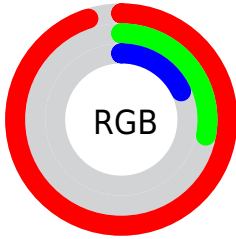
Format	Color
R_{YB}	242, 76, 47
Decimal	15878191
CIE _{Lab}	55.80, 63.46, 51.29
CIE _{LCh}	56, 81.599, 38.947
Yxy	23.7186, 0.5771, 0.3470
Android (android.graphics.Color)	4294068271 (0xFFFF2482F)
YUV	119.9800, -35.9791, 107.0115
Hunter-Lab	48.7003, 59.3636, 27.7741

Details

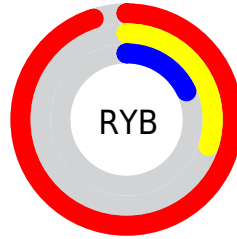
The HunterLab color **48.7003, 59.3636, 27.7741** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **75.2559, -32.0567, -20.3707**, and the grayscale version is **43.4380, -2.3177, 2.3601**.

A 20% lighter version of the original color is **61.7007, 40.5327, 28.0953**, and **30.5730, 52.3573, 19.7556** is the 20% darker color. If you saturate the color by 10%, you get **46.1503, 66.0218, 28.5654**, and if you desaturate by 10%, it is **52.1366, 51.4787, 26.2100**.

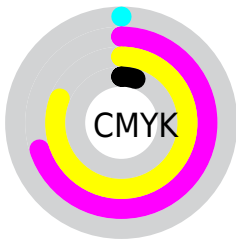
Distribution



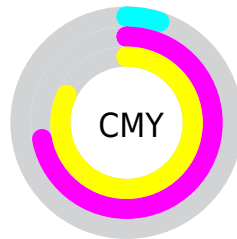
- Red (95%)
- Green (28%)
- Blue (18%)



- Red (95%)
- Yellow (30%)
- Blue (18%)



- Cyan (0%)
- Magenta (70%)
- Yellow (81%)
- Black (5%)



- Cyan (5%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7003, 59.3636, 27.7741 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 48.7003, 59.3636, 27.7741 by changing the saturation by 10% instead.

48.7003, 59.3636,
27.7741

48.7003, 59.3636,
27.7741

164.7406, 74.6507,
57.5050

38.8909, 57.2020,
23.7210

70.4064, 63.4191,
35.2473

29.8449, 55.0089,
19.4415

82.2179, 65.3022,
38.7339

21.6349, 52.8875,
15.1444

94.6247, 67.0863,
42.0897

14.3567, 51.1348,
10.0497

107.5995, 68.7745,
45.3353

8.0165, 52.0551,
5.6116

121.1185, 70.3707,
48.4872

0.0000, INF, NaN

0.0000, INF, NaN

135.1606, 71.8792,

51.5590

0.0000, NaN, NaN

149.7069, 73.3045,
54.5618

0.0000, NaN, NaN

■ 48.7003, 59.3636,
27.7741

■ 48.7003, 59.3636,
27.7741

■ 46.1503, 66.0218,
28.5654

■ 52.1366, 51.4787,
26.2100

■ 44.5636, 70.6529,
28.6968


■ 56.3838, 42.9722,
24.0106


■ 61.3475, 34.3113,
21.3520


■ 66.9287, 25.8039,
18.3896

■ 73.0364, 17.6158,
15.2397

 79.5921, 9.8140,
11.9807

 86.5310, 2.4061,
8.6623

 93.7999, -4.6315,
5.3138

 98.8014, -9.5308,
3.9406

Harmonies

Analogous

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



48.7018, 80.2284, 11.3624



48.7003, 59.3636, 27.7741



48.7018, 23.1687, 32.2986

Triad

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



48.7018, 59.3587, 27.7749



48.7018, -49.8156, 20.1130



48.7018, 7.9852, -107.4225

Complementary

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



48.7003, 59.3636, 27.7741



75.2559, -32.0567, -20.3707

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.



48.7018, -23.9243, -98.3724



48.7003, 59.3636, 27.7741



48.7018, -51.8048, -8.0427

Square

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



48.7018, 59.3587, 27.7749



48.7018, -37.2498, 30.4510



48.7018, -43.7181, -54.8554



48.7018, 45.6639, -74.7176

Rectangle

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



48.7003, 59.3636, 27.7741



48.7018, -1.3947, 32.8446



48.7018, -43.7181, -54.8554



48.7018, -3.7961, -109.4659

Sweetspot

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



48.7018, 59.3587, 27.7749



81.9896, 13.2558, 13.9305



51.0272, 87.1944, -45.1008



36.7837, 7.5034, 7.0165

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.7018, 59.3587, 27.7749



47.6997, 73.7705, 30.4108



68.4188, 13.3102, 40.0618



40.1067, 0.7392, 3.8089



32.8266, 51.2463, 21.1247



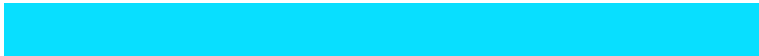
9.9992, 13.1091, 6.3910

Inverse Universe

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



75.2559, -32.0567, -20.3707



77.5830, -33.1409, -25.0744



45.6868, 14.3173, -80.6130



41.9080, -4.9156, 0.6655



53.4819, -22.8719, -17.4738



15.7326, -6.9894, -4.5762

Previews

White Background



This preview shows how the HunterLab color 48.7003, 59.3636, 27.7741 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 48.7003, 59.3636, 27.7741 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 48.7003, 59.3636, 27.7741 Background



This preview shows how black text looks on a background with the HunterLab color 48.7003, 59.3636, 27.7741.



This preview shows how white text looks on a background with the HunterLab color 48.7003, 59.3636,

27.7741.

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

48.7003, 59.3636, 27.7741

Protanopia

48.7954, -5.4803, 24.0779

Deuteranopia

48.6957, 3.4865, 28.4887



Tritanopia

48.7635, 62.0364, 23.6796

Trichromacy



Original Color

48.7003, 59.3636, 27.7741

Protanomaly

46.6279, 17.8441, 23.9543

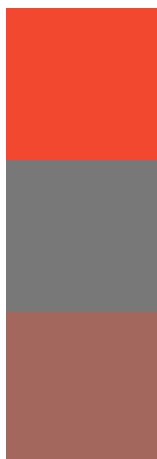
Deuteranomaly

47.3125, 24.1865, 27.3838

Tritanomaly

48.7790, 61.1925, 25.4127

Monochromacy



Original Color

48.7003, 59.3636, 27.7741

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.8758, 17.1232, 12.3991

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7003, 59.3636, 27.7741 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(242, 72, 47)` looks like.

```
.text, #text, p{  
    color:rgb(242, 72, 47)  
}
```

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(242, 72, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 72, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7003, 59.3636, 27.7741 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(242, 72, 47) }
```


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

```
.border{ border-color:rgb(242, 72, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 72, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 72, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 72, 47);  
box-shadow:4px 4px 4px 4px rgb(242, 72,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7003, 59.3636, 27.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 72, 47) }
```

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

```
.background{ background-color: rgb(242, 72,  
47) }
```

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