

Converting Colors

HunterLab(49.6561, 52.2896,
20.8113)

Have a look what the booklet for
HunterLab(49.6561, 52.2896,
20.8113) contains.

HunterLab(49.6662, 52.0004, 20.7504)	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, 52.0004,
20.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	E95657
RGB	233, 86, 87
RGB Percent	91%, 34%, 34%
CMY	0.0863, 0.6627, 0.6588
CMYK	0.00, 0.63, 0.63, 0.09
HSL	360°, 77%, 63%
HSV	360°, 63%, 91%
XYZ	38.6523, 24.6673, 11.7409
YIQ	130.0670, 87.2910, 31.4750

Conversions

Conversions Part 2

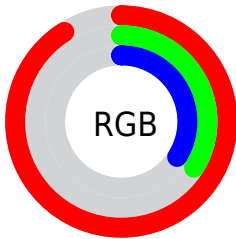
Format	Color
R_{YB}	233, 86, 87
Decimal	15291991
CIE _{Lab}	56.75, 56.86, 30.24
CIE _{LCh}	57, 64.398, 28.005
Yxy	24.6687, 0.5149, 0.3286
Android (android.graphics.Color)	4293482071 (0xFFE95657)
YUV	130.0670, -21.2320, 90.2722
Hunter-Lab	49.6662, 52.0004, 20.7504

Details

The HunterLab color **49.6662, 52.0004, 20.7504** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **81.2914, -37.8629, -6.2572**, and the grayscale version is **47.3318, -2.5255, 2.5716**.

A 20% lighter version of the original color is **65.1246, 37.9555, 19.2474**, and **30.7211, 48.0286, 15.5435** is the 20% darker color. If you saturate the color by 10%, you get **46.0597, 60.0219, 23.2160**, and if you desaturate by 10%, it is **54.2732, 42.9197, 18.0340**.

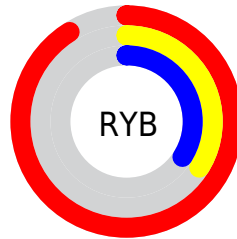
Distribution



Red (91%)

Green (34%)

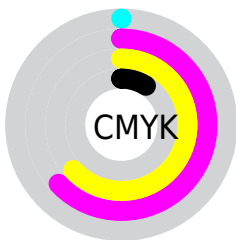
Blue (34%)



Red (91%)

Yellow (34%)

Blue (34%)

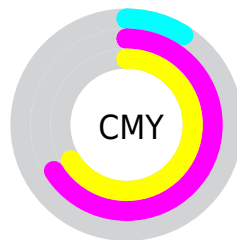


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (9%)



Cyan (9%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6662, 52.0004, 20.7504 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, 52.0004, 20.7504 by changing the saturation by 10% instead.

49.6662, 52.0004,
20.7504

49.6662, 52.0004,
20.7504

166.1879, 65.3866,
40.1258

39.7874, 50.0197,
18.2435

71.4977, 55.6447,
25.4357

30.6663, 47.9657,
15.5776

83.3668, 57.3123,
27.6598

22.3736, 45.8981,
12.6986

95.8285, 58.8797,
29.8266

15.0022, 44.0019,
10.5015

108.8558, 60.3517,
31.9476

8.6452, 43.2472,
6.0517

122.4252, 61.7335,
34.0317

0.0000, INF, NaN

0.0000, NaN, NaN

136.5157, 63.0302,

36.0858

0.0000, NaN, NaN

151.1089, 64.2464,
38.1156

0.0000, NaN, NaN

■ 49.6662, 52.0004,
20.7504

■ 49.6662, 52.0004,
20.7504

■ 46.0597, 60.0219,
23.2160

■ 54.2732, 42.9197,
18.0340

■ 43.5428, 66.2074,
25.1687

■ 59.7437, 33.4581,
15.2747

■ 42.1185, 69.9485,
26.3977

■ 65.9430, 24.0433,
12.6039

■ 41.6257, 71.2935,
26.8334

■ 72.7498, 14.9010,
10.0840

■ 80.0637, 6.1190,
7.7338

■ 87.8040, -2.2920,
5.5481

■ 95.9071, -10.3591,
3.5112

■ 98.0120, -12.3220,
2.9481

Harmonies

Analogous

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



49.6676, 60.6073, 0.9533



49.6662, 52.0004, 20.7504



49.6676, 27.9556, 28.9969

Triad

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



49.6676, 51.9961, 20.7513



49.6676, -39.4582, 22.3975



49.6676, -4.4473, -76.3064

Complementary

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



49.6662, 52.0004, 20.7504



81.2914, -37.8629, -6.2572

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, -27.2752, -60.0629



49.6662, 52.0004, 20.7504



49.6676, -44.6161, 4.3923

Square

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



49.6676, 51.9961, 20.7513



49.6676, -24.7542, 29.5278



49.6676, -40.6802, -26.5242



49.6676, 24.1497, -63.6497

Rectangle

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



49.6662, 52.0004, 20.7504



49.6676, 8.6036, 30.8119



49.6676, -40.6802, -26.5242



49.6676, -12.9882, -73.9235

Sweetspot

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



49.6676, 51.9961, 20.7513



83.7657, 12.5733, 10.1090



54.2718, 72.2576, -49.5114



37.6929, 7.1243, 5.0293

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, 51.9961, 20.7513



49.9723, 69.0118, 26.5066



64.9060, 16.6340, 32.2419



38.8017, 1.4221, 3.2445



31.3568, 53.7080, 20.1958



8.7902, 15.0624, 5.6102

Inverse Universe

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



49.6676, 51.9961, 20.7513



49.9723, 69.0118, 26.5066



58.0401, -4.8201, -43.0708



38.8017, 1.4221, 3.2445



31.3568, 53.7080, 20.1958



8.7902, 15.0624, 5.6102

Previews

White Background



This preview shows how the HunterLab color 49.6662, 52.0004, 20.7504 looks on a white background.

Color Contrast Check

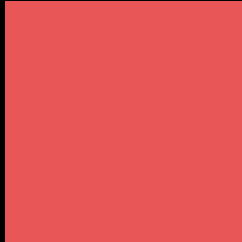
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.0004, 20.7504 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, 52.0004, 20.7504 Background



This preview shows how black text looks on a background with the HunterLab color 49.6662, 52.0004, 20.7504.



This preview shows how white text looks on a background with the HunterLab color 49.6662, 52.0004,

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, 52.0004, 20.7504

Protanopia

49.7099, -3.7282, 13.6442

Deuteranopia

49.6502, 3.5535, 21.5935



Tritanopia

49.5742, 52.7390, 19.6333

Trichromacy



Original Color

49.6662, 52.0004, 20.7504

Protanomaly

48.1914, 15.3398, 15.1306

Deuteranomaly

48.5863, 20.8324, 20.3169

Tritanomaly

49.5569, 52.6636, 19.8860

Monochromacy



Original Color

49.6662, 52.0004, 20.7504

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.3304, 15.2060, 8.4421

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6662, 52.0004, 20.7504 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(233, 86, 87)` looks like.

```
.text, #text, p{  
    color:rgb(233, 86, 87)  
}
```

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(233, 86, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 86, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6662, 52.0004, 20.7504 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(233, 86, 87) }
```


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

```
.border{ border-color:rgb(233, 86, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 86, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 86, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 86, 87);  
box-shadow:4px 4px 4px 4px rgb(233, 86,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6662, 52.0004, 20.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 86, 87) }
```

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

```
.background{ background-color: rgb(233, 86,  
87) }
```

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