

Converting Colors

HunterLab(49.2103, 48.9814,
19.9700)

Have a look what the booklet for
HunterLab(49.2103, 48.9814,
19.9700) contains.

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Color

**HunterLab(49.1711, 49.1604,
20.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	E45858
RGB	228, 88, 88
RGB Percent	89%, 35%, 35%
CMY	0.1059, 0.6549, 0.6549
CMYK	0.00, 0.61, 0.61, 0.11
HSL	0°, 72%, 62%
HSV	0°, 61%, 89%
XYZ	37.2460, 24.1780, 11.9362
YIQ	129.8600, 83.4400, 29.6800

Conversions

Conversions Part 2

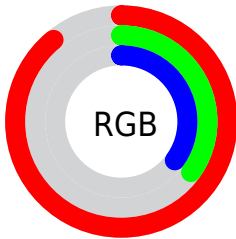
Format	Color
R_{YB}	228, 88, 88
Decimal	14964824
CIE _{Lab}	56.27, 54.40, 28.88
CIE _{LCh}	56, 61.587, 27.963
Yxy	24.1793, 0.5077, 0.3296
Android (android.graphics.Color)	4293154904 (0xFFE45858)
YUV	129.8600, -20.6370, 86.0688
Hunter-Lab	49.1711, 49.1604, 20.0272

Details

The HunterLab color **49.1711, 49.1604, 20.0272** 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 **79.4721, -36.2756, -6.4234**, and the grayscale version is **47.2490, -2.5211, 2.5671**.

A 20% lighter version of the original color is **65.3758, 37.5372, 19.1349**, and **30.1739, 45.1540, 15.0794** is the 20% darker color. If you saturate the color by 10%, you get **45.4781, 57.2258, 22.4656**, and if you desaturate by 10%, it is **53.8182, 40.1996, 17.3617**.

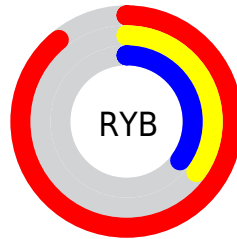
Distribution



Red (89%)

Green (35%)

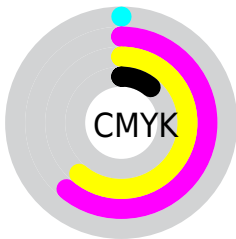
Blue (35%)



Red (89%)

Yellow (35%)

Blue (35%)

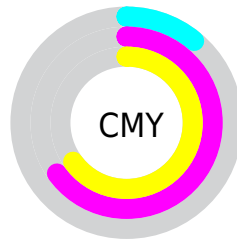


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (11%)



Cyan (11%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1711, 49.1604, 20.0272 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 49.1711, 49.1604, 20.0272 by changing the saturation by 10% instead.

■ 49.1711, 49.1604,
20.0272

■ 49.1711, 49.1604,
20.0272

165.4466, 61.8805,
38.7831

■ 39.3277, 47.2469,
17.6117

■ 70.9385, 52.6587,
24.5477

■ 30.2450, 45.2509,
15.0444

■ 82.7781, 54.2509,
26.6968

■ 21.9945, 43.2235,
12.2716

■ 95.2118, 55.7426,
28.7927

■ 14.6706, 41.3323,
10.2694

■ 108.2122, 57.1393,
30.8464

■ 8.3294, 40.8323,
5.8306

■ 121.7558, 58.4464,
32.8662

0.0000, INF, NaN

0.0000, NaN, NaN

135.8216, 59.6692,

34.8588

0.0000, NaN, NaN

150.3908, 60.8124,
36.8296

0.0000, NaN, NaN

■ 49.1711, 49.1604,
20.0272

■ 49.1711, 49.1604,
20.0272

■ 45.4781, 57.2258,
22.4656

■ 53.8182, 40.1996,
17.3617

■ 42.8359, 63.6438,
24.4253

■ 59.2836, 30.9658,
14.6615

■ 41.2671, 67.7587,
25.6905

■ 65.4375, 21.8355,
12.0455

■ 40.6130, 69.5492,
26.2431

■ 72.1653, 12.9989,
9.5693

■ 79.3726, 4.5238,
7.2488

■ 86.9838, -3.5889,
5.0788

■ 94.9394, -11.3698,
3.0448

■ 97.5878, -13.8315,
2.4116

Harmonies

Analogous

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



49.1725, 57.2400, 0.9736



49.1711, 49.1604, 20.0272



49.1725, 26.4722, 28.1952

Triad

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



49.1725, 49.1563, 20.0281



49.1725, -37.9356, 21.6718



49.1725, -4.3731, -71.4290

Complementary

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



49.1711, 49.1604, 20.0272



79.4721, -36.2756, -6.4234

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.



49.1725, -26.2188, -56.2810



49.1711, 49.1604, 20.0272



49.1725, -42.9505, 4.3207

Square

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



49.1725, 49.1563, 20.0281



49.1725, -23.7442, 28.7431



49.1725, -39.1442, -24.9060



49.1725, 22.7936, -59.6924

Rectangle

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



49.1711, 49.1604, 20.0272



49.1725, 8.1246, 30.0446



49.1725, -39.1442, -24.9060



49.1725, -12.5263, -69.2012

Sweetspot

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



49.1725, 49.1563, 20.0281



84.5693, 11.5440, 9.9774



53.9211, 69.4628, -46.2646



38.0388, 6.6622, 4.9805

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1725, 49.1563, 20.0281



50.5863, 67.4344, 26.2560



64.5385, 14.2371, 31.5357



37.9053, 1.3690, 3.1964



30.8617, 52.8498, 19.9421



8.3897, 14.3657, 5.4212

Inverse Universe

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



79.4721, -36.2756, -6.4234



89.3878, -44.4544, -8.4502



56.6832, -3.9204, -41.9145



40.4182, -5.3372, 1.1297



59.3890, -31.4829, -6.2684



16.1444, -8.5585, -1.7038

Previews

White Background



This preview shows how the HunterLab color 49.1711, 49.1604, 20.0272 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 49.1711, 49.1604, 20.0272 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 49.1711, 49.1604, 20.0272 Background



This preview shows how black text looks on a background with the HunterLab color 49.1711, 49.1604, 20.0272.



This preview shows how white text looks on a background with the HunterLab color 49.1711, 49.1604,

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

49.1711, 49.1604, 20.0272

Protanopia

49.3355, -3.5832, 13.2876

Deuteranopia

49.1804, 3.3843, 20.9792



Tritanopia

49.0924, 49.9977, 18.6188

Trichromacy



Original Color

49.1711, 49.1604, 20.0272

Protanomaly

47.9692, 14.6887, 14.5980

Deuteranomaly

48.2074, 19.7254, 19.7347

Tritanomaly

49.0568, 49.8406, 19.1390

Monochromacy



Original Color

49.1711, 49.1604, 20.0272

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.4825, 14.4717, 8.2070

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1711, 49.1604, 20.0272 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(228, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(228, 88, 88)  
}
```

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(228, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 88, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1711, 49.1604, 20.0272 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(228, 88, 88) }
```


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

```
.border{ border-color:rgb(228, 88, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 88, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(228, 88,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1711, 49.1604, 20.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 88, 88) }
```

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

```
.background{ background-color: rgb(228, 88,  
88) }
```

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](#).

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