

Converting Colors

HunterLab(51.4818, 44.0148,
21.6087)

Have a look what the booklet for
HunterLab(51.4818, 44.0148,
21.6087) contains.

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Color

**HunterLab(51.4720, 44.0400,
21.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	E56459
RGB	229, 100, 89
RGB Percent	90%, 39%, 35%
CMY	0.1020, 0.6078, 0.6510
CMYK	0.00, 0.56, 0.61, 0.10
HSL	5°, 73%, 62%
HSV	5°, 61%, 90%
XYZ	38.6735, 26.4937, 12.5267
YIQ	137.3170, 80.4150, 23.9270

Conversions

Conversions Part 2

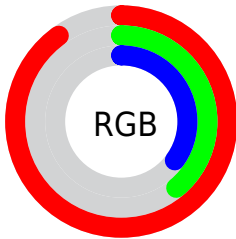
Format	Color
R_{YB}	229, 101, 89
Decimal	15033433
CIE _{Lab}	58.50, 49.37, 31.18
CIE _{LCh}	59, 58.392, 32.276
Yxy	26.4951, 0.4978, 0.3410
Android (android.graphics.Color)	4293223513 (0xFFE56459)
YUV	137.3170, -23.8203, 80.4060
Hunter-Lab	51.4720, 44.0400, 21.6010

Details

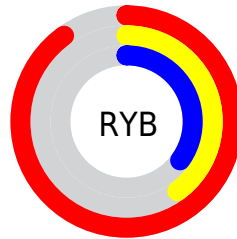
The HunterLab color **51.4720, 44.0400, 21.6010** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **76.1052, -31.5511, -11.4066**, and the grayscale version is **50.2125, -2.6792, 2.7281**.

A 20% lighter version of the original color is **67.9965, 31.8352, 21.1580**, and **32.2118, 40.7313, 16.3551** is the 20% darker color. If you saturate the color by 10%, you get **47.5723, 52.1598, 23.7836**, and if you desaturate by 10%, it is **56.1485, 35.5236, 19.0639**.

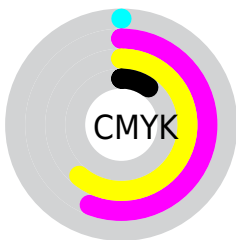
Distribution



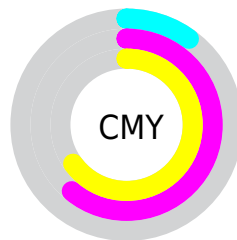
- Red (90%)
- Green (39%)
- Blue (35%)



- Red (90%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (56%)
- Yellow (61%)
- Black (10%)



- Cyan (10%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4720, 44.0400, 21.6010 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 51.4720, 44.0400, 21.6010 by changing the saturation by 10% instead.

51.4720, 44.0400,
21.6010

51.4720, 44.0400,
21.6010

168.8799, 55.0912,
41.3421

41.4661, 42.3095,
19.0504

73.5341, 47.1534,
26.3737

32.2074, 40.4748,
16.3425

85.5092, 48.5527,
28.6405

23.7636, 38.5579,
13.4254

98.0718, 49.8538,
30.8491

16.2225, 36.6479,
11.1713

111.1958, 51.0631,
33.0108

9.7089, 35.0584,
6.7962

124.8579, 52.1864,
35.1346

0.0000, INF, NaN

0.0000, NaN, NaN

139.0379, 53.2290,

37.2275

0.0000, NaN, NaN

153.7173, 54.1958,
39.2951

0.0000, NaN, NaN

■ 51.4720, 44.0400,
21.6010

■ 51.4720, 44.0400,
21.6010

■ 47.5723, 52.1598,
23.7836

■ 56.1485, 35.5236,
19.0639

■ 44.5429, 59.3269,
25.4177

■ 61.4893, 27.0207,
16.3313

■ 42.4437, 64.9049,
26.3456

■ 67.3941, 18.7558,
13.5169

■ 41.3409, 68.1073,
26.6664

■ 73.7752, 10.8321,
10.6890

■ 80.5597, 3.2763,
7.8845

■ 87.6889, -3.9266,
5.1202

■ 95.1156, -10.8101,
2.4011

■ 97.6719, -13.5320,
2.5181

Harmonies

Analogous

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



51.4734, 54.0221, 4.5695



51.4720, 44.0400, 21.6010



51.4734, 21.3392, 28.9392

Triad

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



51.4734, 44.0360, 21.6019



51.4734, -38.4946, 19.7392



51.4734, -0.8433, -66.1589

Complementary

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



51.4720, 44.0400, 21.6010



76.1052, -31.5511, -11.4066

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.



51.4734, -23.0886, -55.6181



51.4720, 44.0400, 21.6010



51.4734, -42.2243, 0.9691

Square

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



51.4734, 44.0360, 21.6019



51.4734, -25.7976, 28.2767



51.4734, -37.1510, -27.7465



51.4734, 25.2391, -52.1235

Rectangle

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



51.4720, 44.0400, 21.6010



51.4734, 3.8106, 30.5164



51.4734, -37.1510, -27.7465



51.4734, -8.9962, -65.3672

Sweetspot

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



51.4734, 44.0360, 21.6019



85.6215, 9.6087, 11.1122



53.8076, 67.5905, -40.0148



38.5942, 5.6207, 5.5718

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.4734, 44.0360, 21.6019



52.8667, 60.9079, 27.3555



67.4595, 9.4330, 33.4265



38.1432, 0.9537, 3.4616



31.3675, 51.1371, 20.2238



8.8930, 12.7140, 5.7024

Inverse Universe

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



76.1052, -31.5511, -11.4066



84.2703, -37.8334, -15.2985



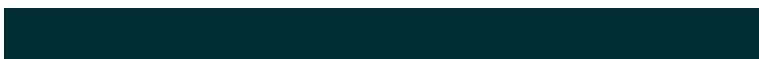
54.3025, 0.6791, -47.4640



40.1650, -4.9352, 0.8314



54.7289, -25.8314, -12.6439



15.0707, -7.2613, -3.1621

Previews

White Background



This preview shows how the HunterLab color 51.4720, 44.0400, 21.6010 looks on a white background.

Color Contrast Check

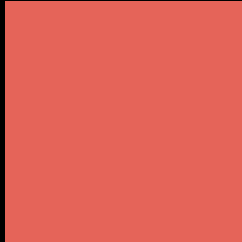
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4720, 44.0400, 21.6010 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 51.4720, 44.0400, 21.6010 Background



This preview shows how black text looks on a background with the HunterLab color 51.4720, 44.0400, 21.6010.



This preview shows how white text looks on a background with the HunterLab color 51.4720, 44.0400,

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

51.4720, 44.0400, 21.6010

Protanopia

51.6427, -4.3477, 16.0910

Deuteranopia

51.6944, 3.5891, 22.5306



Tritanopia

51.5343, 46.6299, 17.5038

Trichromacy



Original Color

51.4720, 44.0400, 21.6010

Protanomaly

50.4237, 12.1229, 17.1065

Deuteranomaly

50.9042, 18.1895, 21.6753

Tritanomaly

51.6212, 45.7203, 19.0512

Monochromacy



Original Color

51.4720, 44.0400, 21.6010

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.3127, 12.0711, 9.2331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4720, 44.0400, 21.6010 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(229, 100, 89)` looks like.

```
.text, #text, p{  
    color:rgb(229, 100, 89)  
}
```

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(229, 100, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 100, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4720, 44.0400, 21.6010 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(229, 100, 89) }
```


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

```
.border{ border-color:rgb(229, 100, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 100, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 100, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 100, 89);  
box-shadow:4px 4px 4px 4px rgb(229, 100,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4720, 44.0400, 21.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 100, 89) }
```

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

```
.background{ background-color: rgb(229,  
100, 89) }
```

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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