

Converting Colors

HunterLab(47.8851, 57.9686,
23.9505)

Have a look what the booklet for
HunterLab(47.8851, 57.9686,
23.9505) contains.

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Color

**HunterLab(47.8256, 57.8441,
23.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	EC4843
RGB	236, 72, 67
RGB Percent	93%, 28%, 26%
CMY	0.0745, 0.7176, 0.7373
CMYK	0.00, 0.69, 0.72, 0.07
HSL	2°, 82%, 59%
HSV	2°, 72%, 93%
XYZ	37.9226, 22.8729, 7.7264
YIQ	120.4660, 99.3490, 33.2130

Conversions

Conversions Part 2

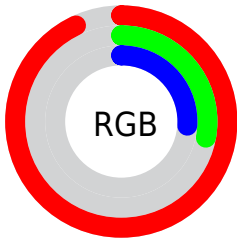
Format	Color
R_{YB}	236, 72, 67
Decimal	15484995
CIE Lab	54.94, 62.31, 39.51
CIE LCh	55, 73.779, 32.381
Yxy	22.8742, 0.5534, 0.3338
Android (android.graphics.Color)	4293675075 (0xFFEC4843)
YUV	120.4660, -26.3587, 101.3233
Hunter-Lab	47.8256, 57.8441, 23.8994

Details

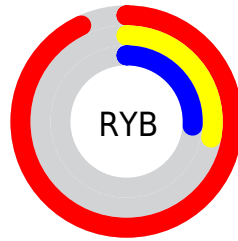
The HunterLab color **47.8256, 57.8441, 23.8994** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **80.2466, -38.0473, -9.8508**, and the grayscale version is **43.5932, -2.3260, 2.3685**.

A 20% lighter version of the original color is **62.0373, 42.1336, 23.1734**, and **29.7196, 51.1038, 17.5906** is the 20% darker color. If you saturate the color by 10%, you get **44.9623, 64.7847, 25.7748**, and if you desaturate by 10%, it is **51.7201, 49.4292, 21.4921**.

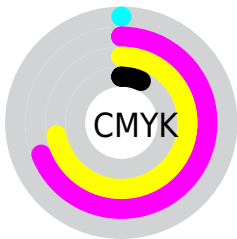
Distribution



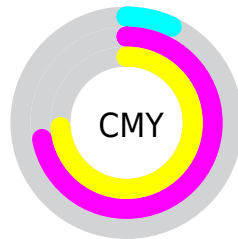
- Red (93%)
- Green (28%)
- Blue (26%)



- Red (93%)
- Yellow (28%)
- Blue (26%)



- Cyan (0%)
- Magenta (69%)
- Yellow (72%)
- Black (7%)



- Cyan (7%)
- Magenta (72%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8256, 57.8441, 23.8994 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 47.8256, 57.8441, 23.8994 by changing the saturation by 10% instead.

47.8256, 57.8441,
23.8994

47.8256, 57.8441,
23.8994

163.4253, 72.8909,
47.8513

38.0797, 55.7049,
20.6842

69.4167, 61.8507,
29.8367

29.1027, 53.5320,
17.2438

81.1754, 63.7076,
32.6208

20.9689, 51.4305,
13.9879

93.5320, 65.4648,
35.3125

13.7768, 49.7081,
9.6437

106.4588, 67.1256,
37.9279

7.3971, 52.2282,
5.1780

119.9318, 68.6941,
40.4802

0.0000, INF, NaN

0.0000, NaN, NaN

133.9295, 70.1749,

42.9795

0.0000, NaN, NaN

148.4330, 71.5724,
45.4342

0.0000, NaN, NaN

■ 47.8256, 57.8441,
23.8994

■ 47.8256, 57.8441,
23.8994

■ 44.9623, 64.7847,
25.7748

■ 51.7201, 49.4292,
21.4921

■ 43.1633, 69.5792,
26.9187


■ 56.5375, 40.2820,
18.7857


■ 42.4083, 71.7051,
27.3871


■ 62.1506, 30.9545,
15.9728

■ 68.4343, 21.7855,
13.1767

■ 75.2794, 12.9403,
10.4630

 82.5956, 4.4743,
7.8582

 90.3106, -3.6173,
5.3668

 98.2714, -11.4021,
3.2752

Harmonies

Analogous

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



47.8270, 71.4118, 4.8670



47.8256, 57.8441, 23.8994



47.8270, 27.8328, 30.3637

Triad

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



47.8270, 57.8394, 23.9002



47.8270, -44.2628, 21.9370



47.8270, -0.0898, -93.6219

Complementary

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



47.8256, 57.8441, 23.8994



80.2466, -38.0473, -9.8508

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.



47.8270, -26.8507, -78.0740



47.8256, 57.8441, 23.8994



47.8270, -48.2276, 0.2234

Square

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



47.8270, 57.8394, 23.9002



47.8270, -30.1199, 29.8330



47.8270, -42.7351, -38.0255



47.8270, 33.1398, -72.6972

Rectangle

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



47.8256, 57.8441, 23.8994



47.8270, 5.4843, 31.4711



47.8270, -42.7351, -38.0255



47.8270, -10.0951, -92.4824

Sweetspot

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



47.8270, 57.8394, 23.9002



82.6002, 13.6368, 11.2729



52.6696, 81.7992, -53.0483



37.2267, 7.5264, 5.5895

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8270, 57.8394, 23.9002



48.0165, 73.5512, 28.8438



64.3847, 18.2198, 35.1024



38.8916, 1.2498, 3.3774



31.5378, 53.0599, 20.3623



8.9796, 14.3915, 5.7852

Inverse Universe

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



80.2466, -38.0473, -9.8508



86.6206, -43.4237, -12.1420



53.5204, 0.2329, -54.9281



41.2805, -5.3163, 1.0388



58.5359, -29.8351, -8.7593



16.4765, -8.4489, -2.3554

Previews

White Background



This preview shows how the HunterLab color 47.8256, 57.8441, 23.8994 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 47.8256, 57.8441, 23.8994 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 47.8256, 57.8441, 23.8994 Background



This preview shows how black text looks on a background with the HunterLab color 47.8256, 57.8441, 23.8994.



This preview shows how white text looks on a background with the HunterLab color 47.8256, 57.8441,

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

47.8256, 57.8441, 23.8994

Protanopia

48.0070, -4.6643, 18.0976

Deuteranopia

47.8071, 3.6403, 24.7216



Tritanopia

47.7847, 58.6299, 22.4327

Trichromacy



Original Color

47.8256, 57.8441, 23.8994

Protanomaly

45.9110, 17.4589, 18.7947

Deuteranomaly

46.4673, 23.2896, 23.4075

Tritanomaly

47.7434, 58.4564, 23.0397

Monochromacy



Original Color

47.8256, 57.8441, 23.8994

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.8036, 17.2534, 9.6234

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8256, 57.8441, 23.8994 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(236, 72, 67)` looks like.

```
.text, #text, p{  
    color:rgb(236, 72, 67)  
}
```

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(236, 72, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 72, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8256, 57.8441, 23.8994 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(236, 72, 67) }
```


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

```
.border{ border-color:rgb(236, 72, 67) }
```

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

Here you see how a box with a 4 pixel rgb(236, 72, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 72, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 72, 67);  
box-shadow:4px 4px 4px 4px rgb(236, 72,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8256, 57.8441, 23.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 72, 67) }
```

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

```
.background{ background-color: rgb(236, 72,  
67) }
```

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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