

Converting Colors

HunterLab(47.6526, 50.1098,
23.8628)

Have a look what the booklet for
HunterLab(47.6526, 50.1098,
23.8628) contains.

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Color

**HunterLab(47.7062, 50.0133,
23.8661)**

Conversions

Conversions Part 1

Format	Color
Hex	E35242
RGB	227, 82, 66
RGB Percent	89%, 32%, 26%
CMY	0.1098, 0.6784, 0.7412
CMYK	0.00, 0.64, 0.71, 0.11
HSL	6°, 74%, 57%
HSV	6°, 71%, 89%
XYZ	35.6792, 22.7588, 7.6667
YIQ	123.5310, 91.5560, 25.7640

Conversions

Conversions Part 2

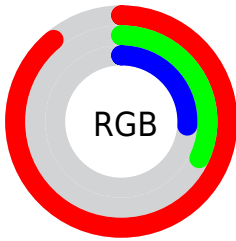
Format	Color
R_{YB}	227, 84, 66
Decimal	14897730
CIE _{Lab}	54.82, 55.41, 39.52
CIE _{LCh}	55, 68.061, 35.499
Yxy	22.7601, 0.5397, 0.3443
Android (android.graphics.Color)	4293087810 (0xFFE35242)
YUV	123.5310, -28.3628, 90.7423
Hunter-Lab	47.7062, 50.0133, 23.8661

Details

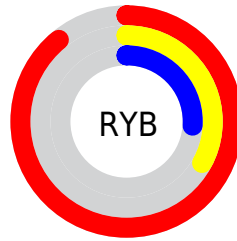
The HunterLab color **47.7062, 50.0133, 23.8661** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **72.9989, -31.3959, -14.5930**, and the grayscale version is **44.7956, -2.3902, 2.4338**.

A 20% lighter version of the original color is **63.5524, 38.4315, 24.7017**, and **28.9470, 45.9187, 17.1877** is the 20% darker color. If you saturate the color by 10%, you get **44.6158, 57.2265, 25.4181**, and if you desaturate by 10%, it is **51.6129, 42.0143, 21.7576**.

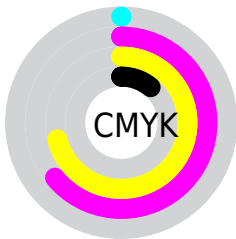
Distribution



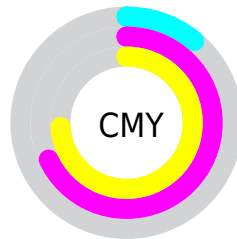
- Red (89%)
- Green (32%)
- Blue (26%)



- Red (89%)
- Yellow (33%)
- Blue (26%)



- Cyan (0%)
- Magenta (64%)
- Yellow (71%)
- Black (11%)



- Cyan (11%)
- Magenta (68%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7062, 50.0133, 23.8661 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 47.7062, 50.0133, 23.8661 by changing the saturation by 10% instead.

47.7062, 50.0133,
23.8661

47.7062, 50.0133,
23.8661

163.2454, 63.1454,
47.8315

37.9690, 48.0561,
20.6477

69.2814, 53.6070,
29.8081

29.0016, 46.0260,
17.2035

81.0329, 55.2474,
32.5940

20.8782, 43.9890,
13.9639

93.3826, 56.7867,
35.2872

13.6979, 42.1559,
9.5885

106.3029, 58.2298,
37.9041

7.3081, 44.0295,
5.1157

119.7695, 59.5822,
40.4575

0.0000, INF, NaN

0.0000, NaN, NaN

133.7611, 60.8491,

42.9579

0.0000, NaN, NaN

148.2588, 62.0353,
45.4136

0.0000, NaN, NaN

■ 47.7062, 50.0133,
23.8661

■ 47.7062, 50.0133,
23.8661

■ 44.6158, 57.2265,
25.4181

■ 51.6129, 42.0143,
21.7576

■ 42.4003, 63.0717,
26.2659

■ 56.2381, 33.7479,
19.2671


■ 41.1420, 66.7347,
26.5198


■ 61.4828, 25.5532,
16.5473


■ 67.2538, 17.6220,
13.7075

■ 73.4708, 10.0376,
10.8173

 80.0673, 2.8171,
7.9170

 86.9891, -4.0572,
5.0280

 94.1927, -10.6192,
2.1597

 97.5042, -14.1298,
2.3056

Harmonies

Analogous

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



47.7076, 64.1823, 7.2733



47.7062, 50.0133, 23.8661



47.7076, 22.0420, 29.7090

Triad

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



47.7076, 50.0090, 23.8669



47.7076, -42.4918, 19.3973



47.7076, 2.7517, -82.3640

Complementary

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



47.7062, 50.0133, 23.8661



72.9989, -31.3959, -14.5930

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.



47.7076, -22.9868, -72.0498



47.7062, 50.0133, 23.8661



47.7076, -45.3611, -2.6069

Square

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



47.7076, 50.0090, 23.8669



47.7076, -30.0905, 28.3758



47.7076, -39.1060, -38.0313



47.7076, 33.1341, -61.2312

Rectangle

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



47.7062, 50.0133, 23.8661



47.7076, 1.7747, 30.6932



47.7076, -39.1060, -38.0313



47.7076, -6.7223, -82.5532

Sweetspot

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



47.7076, 50.0090, 23.8669



83.6748, 11.6305, 12.4119



50.0610, 75.3824, -42.8491



37.7795, 6.4752, 6.1675

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7076, 50.0090, 23.8669



49.6110, 68.6117, 29.5544



64.6814, 11.5950, 35.3346



38.2064, 0.8439, 3.5318



31.5416, 50.5571, 20.3209



9.0216, 12.3138, 5.7746

Inverse Universe

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



72.9989, -31.3959, -14.5930



81.3442, -36.7488, -19.4769



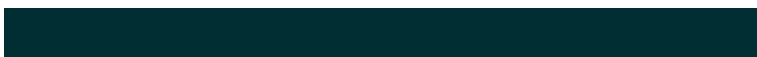
48.4791, 5.4104, -58.9112



40.0980, -4.8286, 0.7523



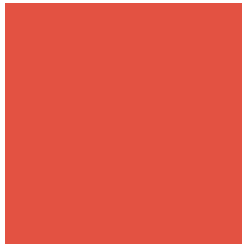
53.5140, -24.3105, -14.4083



14.7901, -6.9132, -3.5628

Previews

White Background



This preview shows how the HunterLab color 47.7062, 50.0133, 23.8661 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 47.7062, 50.0133, 23.8661 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 47.7062, 50.0133, 23.8661 Background



This preview shows how black text looks on a background with the HunterLab color 47.7062, 50.0133, 23.8661.



This preview shows how white text looks on a background with the HunterLab color 47.7062, 50.0133,

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

47.7062, 50.0133, 23.8661

Protanopia

47.9236, -5.1255, 19.3160

Deuteranopia

47.6961, 3.2682, 24.6355



Tritanopia

47.8240, 52.4066, 19.9880

Trichromacy



Original Color

47.7062, 50.0133, 23.8661

Protanomaly

46.4426, 14.0910, 19.9009

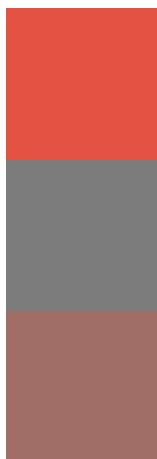
Deuteranomaly

46.5861, 20.1423, 23.6180

Tritanomaly

47.8693, 51.5019, 21.7021

Monochromacy



Original Color

47.7062, 50.0133, 23.8661

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.1516, 14.1638, 10.2222

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7062, 50.0133, 23.8661 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(227, 82, 66)` looks like.

```
.text, #text, p{  
    color:rgb(227, 82, 66)  
}
```

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(227, 82, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 82, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7062, 50.0133, 23.8661 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(227, 82, 66) }
```


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

```
.border{ border-color:rgb(227, 82, 66) }
```

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

Here you see how a box with a 4 pixel rgb(227, 82, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 82, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 82, 66);  
box-shadow:4px 4px 4px 4px rgb(227, 82,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7062, 50.0133, 23.8661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 82, 66) }
```

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

```
.background{ background-color: rgb(227, 82,  
66) }
```

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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