

Converting Colors

HunterLab(48.2308, 51.8556,
22.8771)

Have a look what the booklet for
HunterLab(48.2308, 51.8556,
22.8771) contains.

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Color

**HunterLab(48.1548, 52.0580,
22.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	E65149
RGB	230, 81, 73
RGB Percent	90%, 32%, 29%
CMY	0.0980, 0.6823, 0.7137
CMYK	0.00, 0.65, 0.68, 0.10
HSL	3°, 76%, 59%
HSV	3°, 68%, 90%
XYZ	36.7781, 23.1888, 8.8407
YIQ	124.6390, 91.3720, 29.1000

Conversions

Conversions Part 2

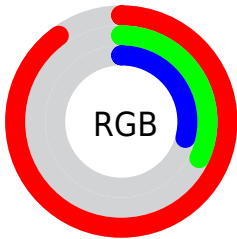
Format	Color
R_{YB}	230, 81, 73
Decimal	15094089
CIE _{Lab}	55.27, 57.16, 36.27
CIE _{LCh}	55, 67.700, 32.394
Yxy	23.1902, 0.5345, 0.3370
Android (android.graphics.Color)	4293284169 (0xFFE65149)
YUV	124.6390, -25.4580, 92.4016
Hunter-Lab	48.1548, 52.0580, 22.8233

Details

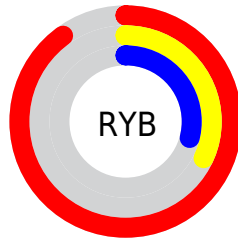
The HunterLab color **48.1548, 52.0580, 22.8233** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **77.0500, -34.8747, -10.7393**, and the grayscale version is **45.2174, -2.4127, 2.4567**.

A 20% lighter version of the original color is **63.6840, 39.0648, 22.7837**, and **29.3039, 47.9454, 16.6735** is the 20% darker color. If you saturate the color by 10%, you get **44.9443, 59.4870, 24.7550**, and if you desaturate by 10%, it is **52.2832, 43.6283, 20.4309**.

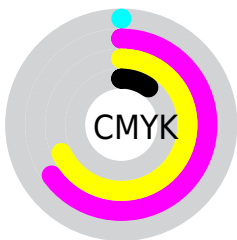
Distribution



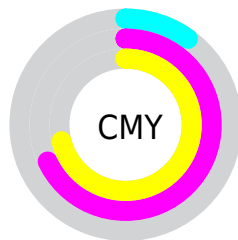
- Red (90%)
- Green (32%)
- Blue (29%)



- Red (90%)
- Yellow (32%)
- Blue (29%)



- Cyan (0%)
- Magenta (65%)
- Yellow (68%)
- Black (10%)





- Cyan (10%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 48.1548, 52.0580, 22.8233 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 48.1548, 52.0580, 22.8233 by changing the saturation by 10% instead.


 48.1548, 52.0580,
22.8233


 48.1548, 52.0580,
22.8233


163.9208, 65.6541,
45.1673


 38.3849, 50.0552,
19.8533

 69.7893, 55.7523,
28.3234


 29.3818, 47.9866,
16.6781


 81.5679, 57.4450,
30.9110


 21.2192, 45.9239,
13.4283

 93.9435, 59.0369,
33.4181

 13.9945, 44.0903,
9.7961

 106.8884, 60.5326,
35.8595

 7.6365, 45.2354,
5.3456

 120.3787, 61.9373,
38.2467

0.0000, INF, NaN

0.0000, NaN, NaN

134.3932, 63.2560,

40.5890

0.0000, NaN, NaN

148.9129, 64.4934,
42.8938

0.0000, NaN, NaN

■ 48.1548, 52.0580,
22.8233

■ 48.1548, 52.0580,
22.8233

■ 44.9443, 59.4870,
24.7550

■ 52.2832, 43.6283,
20.4309

■ 42.7170, 65.2449,
26.0250

■ 57.2160, 34.8127,
17.7802

■ 41.4589, 68.8091,
26.5871


■ 62.8370, 26.0185,
15.0286


■ 41.3272, 69.1789,
26.6767

■ 69.0374, 17.4744,
12.2750

■ 75.7248, 9.2787,
9.5725

 82.8237, 1.4526,
6.9441

 90.2734, -6.0230,
4.3954

 97.7563, -13.2313,
2.6249

Harmonies

Analogous

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



48.1562, 64.1545, 4.7189



48.1548, 52.0580, 22.8233



48.1562, 25.1021, 29.5427

Triad

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



48.1562, 52.0537, 22.8241



48.1562, -41.7002, 20.8706



48.1562, -0.2946, -82.1674

Complementary

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



48.1548, 52.0580, 22.8233



77.0500, -34.8747, -10.7393

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.



48.1562, -25.1337, -68.7648



48.1548, 52.0580, 22.8233



48.1562, -45.5307, 0.4248

Square

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



48.1562, 52.0537, 22.8241



48.1562, -28.2291, 28.9548



48.1562, -40.2221, -33.8335



48.1562, 29.9187, -64.0835

Rectangle

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



48.1548, 52.0580, 22.8233



48.1562, 4.7880, 30.8025



48.1562, -40.2221, -33.8335



48.1562, -9.5151, -81.1912

Sweetspot

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



48.1562, 52.0537, 22.8241



83.6974, 12.1064, 11.3181



51.8362, 75.3350, -45.9044



37.7274, 6.7965, 5.6320

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.1562, 52.0537, 22.8241



49.3357, 69.8656, 28.5296



64.9774, 13.4637, 34.5228



38.0595, 1.0996, 3.3685



31.1800, 51.7673, 20.1192



8.7194, 13.2676, 5.6051

Inverse Universe

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



77.0500, -34.8747, -10.7393



85.2647, -41.1408, -13.9674



51.9329, 1.7509, -53.4363



40.2538, -5.0766, 0.9363



56.3536, -27.8329, -10.3540



15.4456, -7.7201, -2.6402

Previews

White Background



This preview shows how the HunterLab color 48.1548, 52.0580, 22.8233 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 48.1548, 52.0580, 22.8233 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 48.1548, 52.0580, 22.8233 Background



This preview shows how black text looks on a background with the HunterLab color 48.1548, 52.0580, 22.8233.



This preview shows how white text looks on a background with the HunterLab color 48.1548, 52.0580,

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

48.1548, 52.0580, 22.8233

Protanopia

48.3605, -4.7313, 17.3032

Deuteranopia

48.1621, 3.6461, 23.5846



Tritanopia

48.0157, 53.6305, 20.1690

Trichromacy



Original Color

48.1548, 52.0580, 22.8233

Protanomaly

46.6953, 15.1350, 18.1259

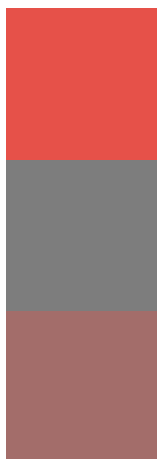
Deuteranomaly

47.1811, 20.9377, 22.5669

Tritanomaly

48.1035, 52.9300, 21.2135

Monochromacy



Original Color

48.1548, 52.0580, 22.8233

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

44.4572, 15.2475, 9.4761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1548, 52.0580, 22.8233 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(230, 81, 73)` looks like.

```
.text, #text, p{  
    color:rgb(230, 81, 73)  
}
```

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(230, 81, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 81, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1548, 52.0580, 22.8233 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(230, 81, 73) }
```


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

```
.border{ border-color:rgb(230, 81, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 81, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 81, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 81, 73);  
box-shadow:4px 4px 4px 4px rgb(230, 81,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1548, 52.0580, 22.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 81, 73) }
```

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

```
.background{ background-color: rgb(230, 81,  
73) }
```

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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