

Converting Colors

HunterLab(47.7007, 60.3413,
23.2472)

Have a look what the booklet for
HunterLab(47.7007, 60.3413,
23.2472) contains.

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Color

**HunterLab(47.7007, 60.3413,
23.2472)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4446
RGB	238, 68, 70
RGB Percent	93%, 27%, 27%
CMY	0.0667, 0.7333, 0.7255
CMYK	0.00, 0.71, 0.71, 0.07
HSL	359°, 83%, 60%
HSV	359°, 71%, 93%
XYZ	38.4325, 22.7536, 8.1606
YIQ	119.0580, 100.6780, 36.6620

Conversions

Conversions Part 2

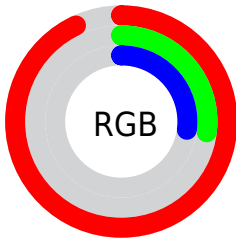
Format	Color
R _Y B	238, 68, 70
Decimal	15615046
CIE Lab	54.82, 64.48, 37.78
CIE LCh	55, 74.733, 30.364
Yxy	22.7549, 0.5542, 0.3281
Android (android.graphics.Color)	4293805126 (0xFFEE4446)
YUV	119.0580, -24.1856, 104.3121
Hunter-Lab	47.7007, 60.3413, 23.2472

Details

The HunterLab color **47.7007, 60.3413, 23.2472** 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 **82.7253, -40.9798, -6.6241**, and the grayscale version is **43.0385, -2.2964, 2.3384**.

A 20% lighter version of the original color is **61.4578, 43.9414, 21.8022**, and **30.1218, 51.8322, 17.5447** is the 20% darker color. If you saturate the color by 10%, you get **44.9392, 67.0146, 25.3886**, and if you desaturate by 10%, it is **51.5736, 51.8908, 20.6426**.

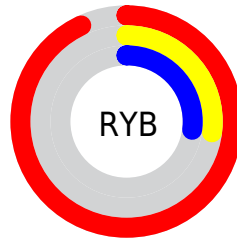
Distribution



Red (93%)

Green (27%)

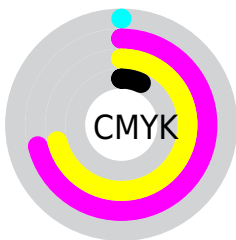
Blue (27%)



Red (93%)

Yellow (27%)

Blue (27%)

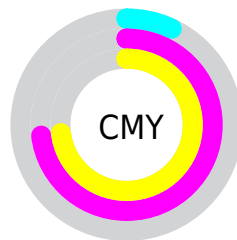


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (7%)



Cyan (7%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7007, 60.3413, 23.2472 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 47.7007, 60.3413, 23.2472 by changing the saturation by 10% instead.

47.7007, 60.3413,
23.2472

47.7007, 60.3413,
23.2472

163.2372, 75.9805,
46.3557

37.9640, 58.1503,
20.1578

69.2752, 64.4720,
28.9579

28.9969, 55.9416,
16.8520

81.0264, 66.3954,
31.6393

20.8740, 53.8361,
13.6160

93.3758, 68.2201,
34.2341

13.6943, 52.1823,
9.5860

106.2957, 69.9487,
36.7580

7.3041, 55.3757,
5.1128

119.7620, 71.5848,
39.2232

0.0000, INF, NaN

0.0000, NaN, NaN

133.7534, 73.1327,

41.6395

0.0000, NaN, NaN

148.2508, 74.5965,
44.0148

0.0000, NaN, NaN

■ 47.7007, 60.3413,
23.2472

■ 47.7007, 60.3413,
23.2472

■ 44.9392, 67.0146,
25.3886

■ 51.5736, 51.8908,
20.6426

■ 43.3055, 71.2482,
26.8252


■ 56.4481, 42.4833,
17.8357


■ 42.6417, 73.0394,
27.4431


■ 62.1867, 32.7620,
15.0287

■ 68.6514, 23.1333,
12.3395

■ 75.7209, 13.8023,
9.8206

 83.2956, 4.8432,
7.4835

 91.2959, -3.7408,
5.3189

 98.4464, -10.7830,
3.4953

Harmonies

Analogous

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



47.7021, 72.6311, 2.9542



47.7007, 60.3413, 23.2472



47.7021, 30.5471, 30.2346

Triad

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



47.7021, 60.3365, 23.2481



47.7021, -43.9986, 22.9485



47.7021, -2.1698, -95.6138

Complementary

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



47.7007, 60.3413, 23.2472



82.7253, -40.9798, -6.6241

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.



47.7021, -28.5260, -77.3331



47.7007, 60.3413, 23.2472



47.7021, -48.6232, 2.2361

Square

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



47.7021, 60.3365, 23.2481



47.7021, -29.0295, 30.1553



47.7021, -43.7642, -35.7411



47.7021, 31.3707, -76.4925

Rectangle

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



47.7007, 60.3413, 23.2472



47.7021, 7.8154, 31.4707



47.7021, -43.7642, -35.7411



47.7021, -12.0955, -93.5546

Sweetspot

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



47.7021, 60.3365, 23.2481



82.1653, 14.5856, 10.5303



52.9142, 82.1959, -56.5903



37.0033, 8.0222, 5.2111

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7021, 60.3365, 23.2481



47.5871, 75.0754, 28.3245



63.6100, 21.2381, 34.4688



39.7012, 1.4726, 3.2998



31.8524, 54.5629, 20.4677



9.1928, 15.7586, 5.8189

Inverse Universe

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



47.7021, 60.3365, 23.2481



47.5871, 75.0754, 28.3245



55.7900, -2.6756, -51.6322



39.7012, 1.4726, 3.2998



31.8524, 54.5629, 20.4677



9.1928, 15.7586, 5.8189

Previews

White Background



This preview shows how the HunterLab color 47.7007, 60.3413, 23.2472 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 47.7007, 60.3413, 23.2472 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 47.7007, 60.3413, 23.2472 Background



This preview shows how black text looks on a background with the HunterLab color 47.7007, 60.3413, 23.2472.



This preview shows how white text looks on a background with the HunterLab color 47.7007, 60.3413,

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

47.7007, 60.3413, 23.2472

Protanopia

47.7218, -4.0387, 16.4689

Deuteranopia

47.7284, 3.4413, 24.1597



Tritanopia

47.7141, 60.3969, 23.0510

Trichromacy



Original Color

47.7007, 60.3413, 23.2472

Protanomaly

45.5281, 18.8663, 17.1924

Deuteranomaly

46.0629, 24.4483, 22.5685

Tritanomaly

47.7141, 60.3969, 23.0510

Monochromacy



Original Color

47.7007, 60.3413, 23.2472

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.1133, 18.7297, 8.9444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7007, 60.3413, 23.2472 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(238, 68, 70)` looks like.

```
.text, #text, p{  
    color:rgb(238, 68, 70)  
}
```

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(238, 68, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 68, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7007, 60.3413, 23.2472 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(238, 68, 70) }
```


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

```
.border{ border-color:rgb(238, 68, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 68, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 68, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 68, 70);  
box-shadow:4px 4px 4px 4px rgb(238, 68,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7007, 60.3413, 23.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 68, 70) }
```

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

```
.background{ background-color: rgb(238, 68,  
70) }
```

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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