

Converting Colors

HunterLab(47.2491, 42.8853,
27.8361)

Have a look what the booklet for
HunterLab(47.2491, 42.8853,
27.8361) contains.

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Color

**HunterLab(47.2403, 43.1867,
27.8696)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5823
RGB	220, 88, 35
RGB Percent	86%, 35%, 14%
CMY	0.1373, 0.6549, 0.8627
CMYK	0.00, 0.60, 0.84, 0.14
HSL	17°, 73%, 50%
HSV	17°, 84%, 86%
XYZ	33.3083, 22.3165, 4.1421
YIQ	121.4260, 95.6850, 11.5010

Conversions

Conversions Part 2

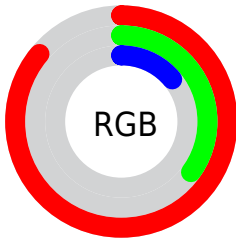
Format	Color
R _Y B	220, 109, 35
Decimal	14440483
CIE Lab	54.36, 49.23, 54.05
CIE LCh	54, 73.107, 47.673
Yxy	22.3177, 0.5573, 0.3734
Android (android.graphics.Color)	4292630563 (0xFFDC5823)
YUV	121.4260, -42.6080, 86.4494
Hunter-Lab	47.2403, 43.1867, 27.8696

Details

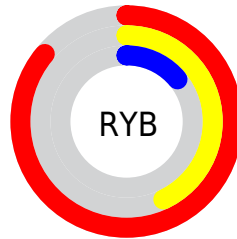
The HunterLab color **47.2403, 43.1867, 27.8696** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **57.5842, -15.7484, -34.5080**, and the grayscale version is **44.0280, -2.3492, 2.3921**.

A 20% lighter version of the original color is **64.2354, 33.6236, 32.2375**, and **28.6376, 39.7721, 18.3426** is the 20% darker color. If you saturate the color by 10%, you get **44.6316, 49.5768, 27.8638**, and if you desaturate by 10%, it is **50.3510, 36.5821, 27.1081**.

Distribution



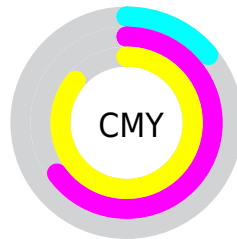
- Red (86%)
- Green (35%)
- Blue (14%)



- Red (86%)
- Yellow (43%)
- Blue (14%)



- Cyan (0%)
- Magenta (60%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2403, 43.1867, 27.8696 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 47.2403, 43.1867, 27.8696 by changing the saturation by 10% instead.

47.2403, 43.1867,
27.8696

47.2403, 43.1867,
27.8696

162.5426, 54.5338,
59.1395

37.5374, 41.4146,
23.5850

68.7536, 46.3818,
35.7640

28.6071, 39.5447,
19.2719

80.4767, 47.8187,
39.4404

20.5249, 37.6162,
14.3674

92.7994, 49.1548,
42.9740

13.3912, 35.7750,
9.3738

105.6939, 50.3966,
46.3865

6.9495, 38.0549,
4.8647

119.1358, 51.5500,
49.6959

0.0000, INF, NaN

0.0000, NaN, NaN

133.1036, 52.6208,

52.9168

0.0000, NaN, NaN

147.5783, 53.6138,
56.0613

0.0000, NaN, NaN

47.2403, 43.1867,
27.8696

47.2403, 43.1867,
27.8696

44.6316, 49.5768,
27.8638

50.3510, 36.5821,
27.1081

43.3295, 53.0937,
27.6290

53.9161, 30.0332,
25.6138

57.8881, 23.7073,
23.4749

62.2194, 17.7015,
20.7921

66.8663, 12.0586,
17.6604

■ 71.7900, 6.7852,
14.1613

■ 76.9574, 1.8663,
10.3614

■ 82.3403, -2.7241,
6.3135

■ 87.9148, -7.0167,
2.0590

Harmonies

Analogous

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



47.2416, 66.3561, 16.4341



47.2403, 43.1867, 27.8696



47.2416, 10.4988, 30.9476

Triad

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



47.2416, 43.1826, 27.8702



47.2416, -46.8592, 12.8933



47.2416, 16.3912, -85.8993

Complementary

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



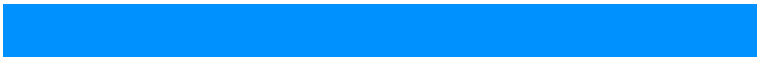
47.2403, 43.1867, 27.8696



57.5842, -15.7484, -34.5080

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.



47.2416, -14.2716, -89.2278



47.2403, 43.1867, 27.8696



47.2416, -46.0353, -17.4154

Square

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



47.2416, 43.1826, 27.8702



47.2416, -38.1909, 26.6704



47.2416, -35.5594, -59.0486



47.2416, 48.4172, -51.6582

Rectangle

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



47.2403, 43.1867, 27.8696



47.2416, -10.0153, 31.0764



47.2416, -35.5594, -59.0486



47.2416, 5.4669, -91.2010

Sweetspot

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



47.2416, 43.1826, 27.8702



84.1945, 8.6957, 17.2205



43.8513, 74.4625, -21.4892



37.9876, 5.0297, 8.6587

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2416, 43.1826, 27.8702



51.0231, 63.3343, 32.5489



69.2428, -2.2758, 41.2656



36.9542, -0.1448, 3.9558



33.4427, 39.9481, 21.3066



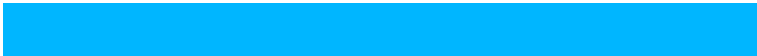
9.3288, 7.9386, 5.8873

Inverse Universe

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



57.5842, -15.7484, -34.5080



63.7570, -14.2441, -48.9418



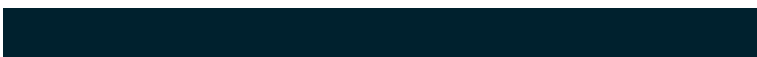
32.5089, 31.6937, -102.9028



37.6381, -3.6766, 0.0470



41.6857, -9.7736, -31.0050



11.2706, -3.4413, -6.6584

Previews

White Background



This preview shows how the HunterLab color 47.2403, 43.1867, 27.8696 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 47.2403, 43.1867, 27.8696 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 47.2403, 43.1867, 27.8696 Background



This preview shows how black text looks on a background with the HunterLab color 47.2403, 43.1867, 27.8696.



This preview shows how white text looks on a background with the HunterLab color 47.2403, 43.1867,

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

47.2403, 43.1867, 27.8696

Protanopia

47.4772, -6.1485, 25.9197

Deuteranopia

47.3902, 3.0733, 28.5395



Tritanopia

47.3505, 48.9987, 18.4744

Trichromacy



Original Color

47.2403, 43.1867, 27.8696

Protanomaly

46.1659, 11.1636, 25.8294

Deuteranomaly

46.6359, 17.3549, 27.9420

Tritanomaly

47.2216, 46.4185, 22.8412

Monochromacy



Original Color

47.2403, 43.1867, 27.8696

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.4092, 11.2861, 13.7345

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2403, 43.1867, 27.8696 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(220, 88, 35)` looks like.

```
.text, #text, p{  
    color:rgb(220, 88, 35)  
}
```

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(220, 88, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 88, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2403, 43.1867, 27.8696 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(220, 88, 35) }
```


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

```
.border{ border-color:rgb(220, 88, 35) }
```

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

Here you see how a box with a 4 pixel rgb(220, 88, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 88, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 88, 35);  
box-shadow:4px 4px 4px 4px rgb(220, 88,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2403, 43.1867, 27.8696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 88, 35) }
```

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

```
.background{ background-color: rgb(220, 88,  
35) }
```

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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