

Converting Colors

HunterLab(47.9303, 22.6828,
23.4208)

Have a look what the booklet for
HunterLab(47.9303, 22.6828,
23.4208) contains.

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Color

**HunterLab(47.8483, 22.8896,
23.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	C16E43
RGB	193, 110, 67
RGB Percent	76%, 43%, 26%
CMY	0.2431, 0.5686, 0.7372
CMYK	0.00, 0.43, 0.65, 0.24
HSL	20°, 50%, 51%
HSV	20°, 65%, 76%
XYZ	28.5814, 22.8946, 8.2229
YIQ	129.9150, 63.2710, 4.2230

Conversions

Conversions Part 2

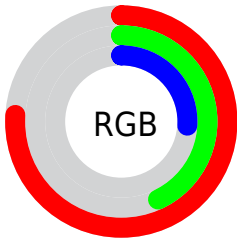
Format	Color
RYB	193, 132, 67
Decimal	12676675
CIELab	54.96, 29.10, 37.81
CIElCh	55, 47.714, 52.421
Yxy	22.8958, 0.4788, 0.3835
Android (android.graphics.Color)	4290866755 (0xFFC16E43)
YUV	129.9150, -31.0171, 55.3255
Hunter-Lab	47.8483, 22.8896, 23.3046

Details

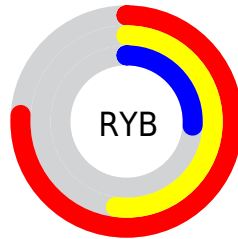
The HunterLab color **47.8483, 22.8896, 23.3046** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **51.8216, -11.9944, -26.0006**, and the grayscale version is **47.3153, -2.5246, 2.5707**.

A 20% lighter version of the original color is **69.2707, 24.5763, 28.9722**, and **29.2276, 20.8913, 16.9365** is the 20% darker color. If you saturate the color by 10%, you get **44.8910, 28.0907, 24.5027**, and if you desaturate by 10%, it is **51.0983, 17.9338, 21.5109**.

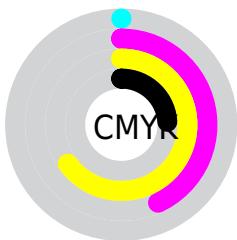
Distribution



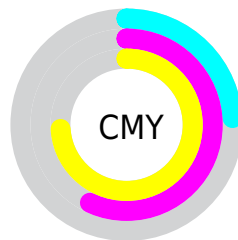
- Red (76%)
- Green (43%)
- Blue (26%)



- Red (76%)
- Yellow (52%)
- Blue (26%)



- Cyan (0%)
- Magenta (43%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (57%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8483, 22.8896, 23.3046 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 47.8483, 22.8896, 23.3046 by changing the saturation by 10% instead.

47.8483, 22.8896,
23.3046

47.8483, 22.8896,
23.3046

163.4593, 27.6465,
46.4213

38.1006, 21.9048,
20.2150

69.4422, 24.5167,
29.0160

29.1219, 20.7942,
16.9098

81.2023, 25.1869,
31.6983

20.9860, 19.5421,
13.6574

93.5602, 25.7724,
34.2941

13.7917, 18.1466,
9.6542

106.4883, 26.2804,
36.8190

7.4138, 18.2396,
5.1896

119.9624, 26.7170,
39.2853

0.0000, INF, NaN

0.0000, NaN, NaN

133.9613, 27.0873,

41.7027

0.0000, NaN, NaN

148.4659, 27.3958,
44.0792

0.0000, NaN, NaN

■ 47.8483, 22.8896,
23.3046

■ 47.8483, 22.8896,
23.3046

■ 44.8910, 28.0907,
24.5027

■ 51.0983, 17.9338,
21.5109

■ 42.2544, 33.4490,
25.0454

■ 54.6061, 13.2838,
19.1930

■ 39.9687, 38.8057,
24.9202

■ 58.3443, 8.9550,
16.4253

■ 39.0115, 41.2372,
24.7606

■ 62.2871, 4.9445,
13.2748

■ 66.4122, 1.2368,
9.7995

■ 70.7000, -2.1903,
6.0478

■ 75.1338, -5.3619,
2.0596

■ 79.6995, -8.3031,
-2.1326

■ 84.3848, -11.0380,
-6.5024

Harmonies

Analogous

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



47.8495, 37.8696, 14.4395



47.8483, 22.8896, 23.3046



47.8495, 2.5589, 26.3640

Triad

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



47.8495, 22.8866, 23.3052



47.8495, -34.6908, 7.1303



47.8495, 12.8128, -44.2922

Complementary

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



47.8483, 22.8896, 23.3046



51.8216, -11.9944, -26.0006

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.



47.8495, -7.4641, -48.8503



47.8483, 22.8896, 23.3046



47.8495, -32.8532, -13.3305

Square

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



47.8495, 22.8866, 23.3052



47.8495, -29.0944, 19.8180



47.8495, -23.5900, -35.7988



47.8495, 31.4268, -25.0920

Rectangle

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



47.8483, 22.8896, 23.3046



47.8495, -10.4557, 26.1627



47.8495, -23.5900, -35.7988



47.8495, 5.8926, -47.8354

Sweetspot

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



47.8495, 22.8866, 23.3052



86.0736, 4.1018, 15.5036



41.9360, 52.5419, -14.6336



39.1473, 2.5582, 7.7838



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



47.8495, 22.8866, 23.3052



58.6339, 40.4024, 33.1852



64.2244, -7.4514, 34.5419



32.5996, -0.3889, 3.5998



32.0268, 33.0489, 20.3133



7.5660, 4.5795, 4.7423

Inverse Universe

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



51.8216, -11.9944, -26.0006



64.5971, -14.0526, -43.3782



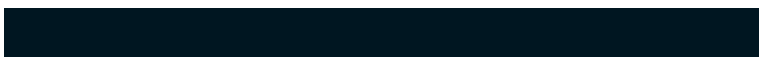
34.6745, 18.7526, -64.5731



32.9101, -2.9758, -0.1036



35.8212, -5.1946, -33.5597



8.2353, -2.2652, -5.4035

Previews

White Background



This preview shows how the HunterLab color 47.8483, 22.8896, 23.3046 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 47.8483, 22.8896, 23.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

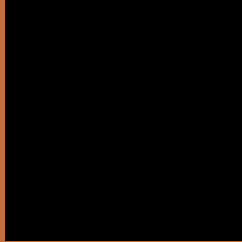
Any Text WCAG AA ✓ Pass

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 47.8483, 22.8896, 23.3046 Background



This preview shows how black text looks on a background with the HunterLab color 47.8483, 22.8896, 23.3046.



This preview shows how white text looks on a background with the HunterLab color 47.8483, 22.8896,

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

47.8483, 22.8896, 23.3046

Protanopia

47.9899, -5.1344, 21.2572

Deuteranopia

48.0282, 3.1498, 23.8446



Tritanopia

47.9675, 30.4532, 11.1428

Trichromacy



Original Color

47.8483, 22.8896, 23.3046

Protanomaly

47.5022, 4.3421, 21.6943

Deuteranomaly

47.7512, 10.2528, 23.5810

Tritanomaly

47.9187, 27.4273, 16.3150

Monochromacy



Original Color

47.8483, 22.8896, 23.3046

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

46.9039, 4.9674, 11.4058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8483, 22.8896, 23.3046 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(193, 110, 67)` looks like.

```
.text, #text, p{  
    color:rgb(193, 110, 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(193, 110, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 110, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8483, 22.8896, 23.3046 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(193, 110, 67) }
```


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

```
.border{ border-color:rgb(193, 110, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 110, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 110, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 110, 67);  
box-shadow:4px 4px 4px 4px rgb(193, 110,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8483, 22.8896, 23.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 110, 67) }
```

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

```
.background{ background-color: rgb(193,  
110, 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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