

Converting Colors

HunterLab(47.2574, 21.5715,
28.5451)

Have a look what the booklet for
HunterLab(47.2574, 21.5715,
28.5451) contains.

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Color

**HunterLab(47.2574, 21.5715,
28.5451)**

Conversions

Conversions Part 1

Format	Color
Hex	C16D16
RGB	193, 109, 22
RGB Percent	76%, 43%, 9%
CMY	0.2431, 0.5725, 0.9137
CMYK	0.00, 0.44, 0.89, 0.24
HSL	31°, 80%, 42%
HSV	31°, 89%, 76%
XYZ	27.6057, 22.3326, 3.6147
YIQ	124.1980, 77.9910, -9.2490

Conversions

Conversions Part 2

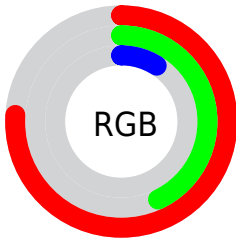
Format	Color
RYB	187, 193, 22
Decimal	12676374
CIELab	54.38, 27.77, 57.06
CIELCh	54, 63.459, 64.053
Yxy	22.3338, 0.5155, 0.4170
Android (android.graphics.Color)	4290866454 (0xFFC16D16)
YUV	124.1980, -50.3836, 60.3394
Hunter-Lab	47.2574, 21.5715, 28.5451

Details

The HunterLab color **47.2574, 21.5715, 28.5451** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **37.8528, 5.0121, -55.6114**, and the grayscale version is **45.1424, -2.4087, 2.4527**.

A 20% lighter version of the original color is **68.7543, 23.2223, 36.8764**, and **28.6675, 20.1218, 18.0171** is the 20% darker color. If you saturate the color by 10%, you get **45.1297, 25.9117, 28.1603**, and if you desaturate by 10%, it is **49.5693, 17.4436, 28.3072**.

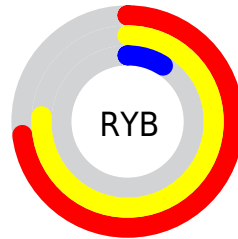
Distribution



Red (76%)

Green (43%)

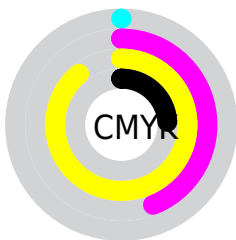
Blue (9%)



Red (73%)

Yellow (76%)

Blue (9%)

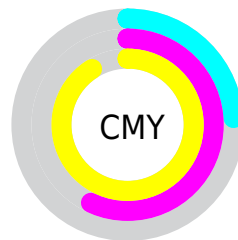


Cyan (0%)

Magenta (44%)

Yellow (89%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2574, 21.5715, 28.5451 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 47.2574, 21.5715, 28.5451 by changing the saturation by 10% instead.

47.2574, 21.5715,
28.5451

47.2574, 21.5715,
28.5451

162.5683, 25.9043,
61.3360

37.5531, 20.6392,
24.0505

68.7729, 23.0960,
36.8371

28.6215, 19.5815,
19.7147

80.4970, 23.7168,
40.6983

20.5377, 18.3810,
14.3764

92.8207, 24.2541,
44.4073

13.4024, 17.0326,
9.3817

105.7161, 24.7151,
47.9867

6.9630, 17.9339,
4.8741

119.1589, 25.1058,
51.4552

0.0000, INF, NaN

0.0000, NaN, NaN

133.1276, 25.4314,

54.8280

0.0000, NaN, NaN

147.6031, 25.6963,
58.1181

0.0000, NaN, NaN

47.2574, 21.5715,
28.5451

47.2574, 21.5715,
28.5451

45.1297, 25.9117,
28.1603

49.5693, 17.4436,
28.3072

44.8438, 26.5215,
28.0969

52.0572, 13.6140,
27.3510

54.7116, 10.1110,
25.6857

57.5210, 6.9461,
23.3457

60.4740, 4.1177,
20.3777

■ 63.5594, 1.6152,
16.8332

■ 66.7669, -0.5772,
12.7641

■ 70.0871, -2.4786,
8.2200

■ 73.5111, -4.1094,
3.2465

Harmonies

Analogous

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



47.2587, 46.8078, 22.2923



47.2574, 21.5715, 28.5451



47.2587, -6.0281, 29.7420

Triad

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



47.2587, 21.5684, 28.5456



47.2587, -42.9709, -0.9372



47.2587, 29.0807, -56.7504

Complementary

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



47.2574, 21.5715, 28.5451



37.8528, 5.0121, -55.6114

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.



47.2587, 1.0850, -74.4119



47.2574, 21.5715, 28.5451



47.2587, -37.4052, -32.8454

Square

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



47.2587, 21.5684, 28.5456



47.2587, -39.7923, 19.0888



47.2587, -22.5865, -63.8810



47.2587, 51.7656, -23.5285

Rectangle

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



47.2574, 21.5715, 28.5451



47.2587, -21.3336, 28.7307



47.2587, -22.5865, -63.8810



47.2587, 19.7825, -65.3338

Sweetspot

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



47.2587, 21.5684, 28.5456



85.5577, 1.7956, 21.9225



36.0325, 60.5883, 0.1473



38.9588, 1.3350, 10.9610



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.



47.2587, 21.5684, 28.5456



59.6009, 36.4511, 37.3639



70.3810, -18.6584, 42.4022



33.0243, -1.1075, 4.0609



36.7912, 21.1270, 23.0404



8.5005, 2.5614, 5.2828

Inverse Universe

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



37.8528, 5.0121, -55.6114



45.8260, 14.4253, -88.4185



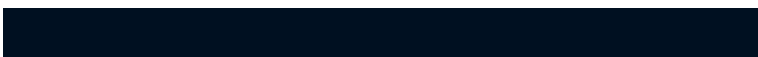
21.4355, 47.7886, -125.5026



32.4756, -2.2655, -0.6309



28.5309, 7.5784, -52.0207



6.9977, -0.3556, -7.9788

Previews

White Background



This preview shows how the HunterLab color 47.2574, 21.5715, 28.5451 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 47.2574, 21.5715, 28.5451 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 47.2574, 21.5715, 28.5451 Background



This preview shows how black text looks on a background with the HunterLab color 47.2574, 21.5715, 28.5451.



This preview shows how white text looks on a background with the HunterLab color 47.2574, 21.5715,

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

47.2574, 21.5715, 28.5451

Protanopia

47.4547, -6.4675, 27.7555

Deuteranopia

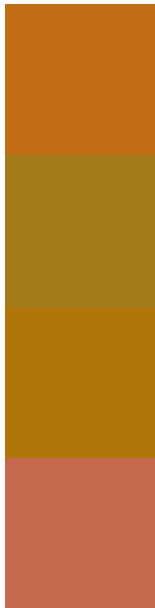
47.3557, 2.8881, 29.0511



Tritanopia

47.4101, 32.0071, 11.6809

Trichromacy



Original Color

47.2574, 21.5715, 28.5451

Protanomaly

47.0457, 3.3397, 27.8162

Deuteranomaly

47.2565, 9.2261, 28.8835

Tritanomaly

47.3019, 27.2459, 20.8236

Monochromacy



Original Color

47.2574, 21.5715, 28.5451

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.0237, 3.3211, 15.9276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2574, 21.5715, 28.5451 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, 109, 22)` looks like.

```
.text, #text, p{  
  color:rgb(193, 109, 22)  
}
```

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, 109, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 109, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2574, 21.5715, 28.5451 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, 109, 22) }
```


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

```
.border{ border-color:rgb(193, 109, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 109, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 109, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 109, 22);  
box-shadow:4px 4px 4px 4px rgb(193, 109,  
22) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2574, 21.5715, 28.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 109, 22) }
```

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

```
.background{ background-color: rgb(193,  
109, 22) }
```

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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