

Converting Colors

HunterLab(49.1469, 24.0052,
28.1274)

Have a look what the booklet for
HunterLab(49.1469, 24.0052,
28.1274) contains.

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Color

**HunterLab(49.1589, 23.9278,
28.1802)**

Conversions

Conversions Part 1

Format	Color
Hex	C97029
RGB	201, 112, 41
RGB Percent	79%, 44%, 16%
CMY	0.2118, 0.5608, 0.8392
CMYK	0.00, 0.44, 0.80, 0.21
HSL	27°, 66%, 47%
HSV	27°, 80%, 79%
XYZ	30.2818, 24.1660, 5.1663
YIQ	130.5170, 75.8350, -3.2130

Conversions

Conversions Part 2

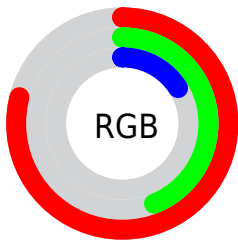
Format	Color
R _Y B	201, 169, 41
Decimal	13201449
CIE Lab	56.25, 30.05, 52.17
CIE LCh	56, 60.208, 60.055
Yxy	24.1673, 0.5080, 0.4054
Android (android.graphics.Color)	4291391529 (0xFFC97029)
YUV	130.5170, -44.1319, 61.8136
Hunter-Lab	49.1589, 23.9278, 28.1802

Details

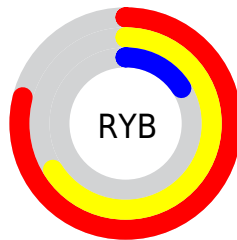
The HunterLab color **49.1589, 23.9278, 28.1802** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **45.4452, -3.1756, -44.1448**, and the grayscale version is **47.5991, -2.5398, 2.5861**.

A 20% lighter version of the original color is **69.9593, 22.0540, 34.9136**, and **30.3607, 21.9005, 19.0915** is the 20% darker color. If you saturate the color by 10%, you get **46.6314, 28.8624, 28.3433**, and if you desaturate by 10%, it is **51.9304, 19.2473, 27.2791**.

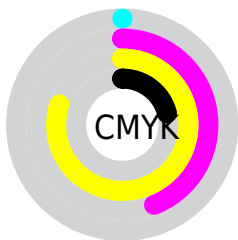
Distribution



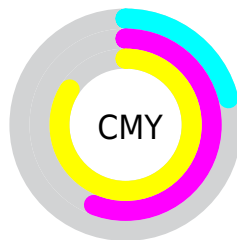
- Red (79%)
- Green (44%)
- Blue (16%)



- Red (79%)
- Yellow (66%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1589, 23.9278, 28.1802 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 49.1589, 23.9278, 28.1802 by changing the saturation by 10% instead.

49.1589, 23.9278,
28.1802

49.1589, 23.9278,
28.1802

165.4282, 28.9239,
58.3031

39.3163, 22.9162,
24.0756

70.9246, 25.6089,
35.7520

30.2345, 21.7803,
19.7468

82.7635, 26.3064,
39.2854

21.9851, 20.5047,
15.3896

95.1965, 26.9190,
42.6863

14.6624, 19.0878,
10.2637

108.1963, 27.4539,
45.9752

8.3214, 18.0495,
5.8250

121.7392, 27.9169,
49.1688

0.0000, INF, NaN

0.0000, NaN, NaN

135.8044, 28.3134,

52.2808

0.0000, NaN, NaN

150.3730, 28.6478,
55.3224

0.0000, NaN, NaN

■ 49.1589, 23.9278,
28.1802

■ 49.1589, 23.9278,
28.1802

■ 46.6314, 28.8624,
28.3433

■ 51.9304, 19.2473,
27.2791

■ 44.3531, 33.9339,
27.8934

■ 54.9237, 14.8887,
25.6579

■ 44.2668, 34.1340,
27.8746

■ 58.1215, 10.8763,
23.3658

■ 61.5054, 7.2161,
20.4631

■ 65.0585, 3.9003,
17.0131

■ 68.7653, 0.9122,
13.0760

■ 72.6118, -1.7695,
8.7072

■ 76.5858, -4.1685,
3.9558

■ 80.6763, -6.3084,
-1.1353

Harmonies

Analogous

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



49.1602, 46.6377, 20.5930



49.1589, 23.9278, 28.1802



49.1602, -2.6720, 30.0341

Triad

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



49.1602, 23.9246, 28.1808



49.1602, -42.2481, 2.6319



49.1602, 24.0210, -56.1345

Complementary

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



49.1589, 23.9278, 28.1802



45.4452, -3.1756, -44.1448

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.



49.1602, -2.5794, -69.1587



49.1589, 23.9278, 28.1802



49.1602, -37.8782, -26.3972

Square

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



49.1602, 23.9246, 28.1808



49.1602, -37.9103, 20.5492



49.1602, -24.5160, -56.2231



49.1602, 46.7008, -26.2796

Rectangle

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



49.1589, 23.9278, 28.1802



49.1602, -18.1377, 29.2461



49.1602, -24.5160, -56.2231



49.1602, 15.0855, -63.1406

Sweetspot

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



49.1602, 23.9246, 28.1808



87.6570, 2.9934, 19.6238



39.5731, 61.6565, -7.0636



39.7483, 2.0490, 9.9248

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1602, 23.9246, 28.1808



58.6834, 42.9228, 36.6159



70.3910, -14.2112, 41.3586



33.7620, -0.8483, 3.9959



35.3519, 26.4463, 22.2467



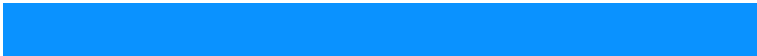
8.5770, 3.7229, 5.3503

Inverse Universe

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



45.4452, -3.1756, -44.1448



52.8729, 3.7311, -73.4447



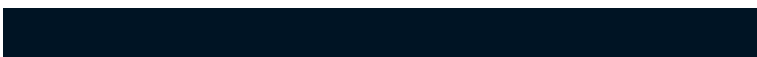
26.6740, 38.1095, -105.7219



33.5401, -2.6140, -0.4454



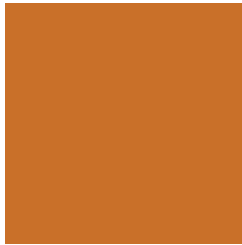
31.7730, 2.5470, -45.2117



7.8793, -1.0680, -7.5429

Previews

White Background



This preview shows how the HunterLab color 49.1589, 23.9278, 28.1802 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 49.1589, 23.9278, 28.1802 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 49.1589, 23.9278, 28.1802 Background



This preview shows how black text looks on a background with the HunterLab color 49.1589, 23.9278, 28.1802.



This preview shows how white text looks on a background with the HunterLab color 49.1589, 23.9278,

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

49.1589, 23.9278, 28.1802

Protanopia

49.3891, -6.6313, 27.0888

Deuteranopia

49.0976, 3.5157, 28.3951



Tritanopia

49.1023, 33.5914, 12.3350

Trichromacy



Original Color

49.1589, 23.9278, 28.1802

Protanomaly

48.7885, 3.9832, 27.1160

Deuteranomaly

48.8635, 10.7446, 28.1738

Tritanomaly

49.0852, 29.2733, 20.1240

Monochromacy



Original Color

49.1589, 23.9278, 28.1802

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.2917, 4.5143, 14.7330

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1589, 23.9278, 28.1802 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(201, 112, 41)` looks like.

```
.text, #text, p{  
    color:rgb(201, 112, 41)  
}
```

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(201, 112, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 112, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1589, 23.9278, 28.1802 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(201, 112, 41) }
```


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

```
.border{ border-color:rgb(201, 112, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 112, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 112, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 112, 41);  
box-shadow:4px 4px 4px 4px rgb(201, 112,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1589, 23.9278, 28.1802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 112, 41) }
```

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

```
.background{ background-color: rgb(201,  
112, 41) }
```

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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