

Converting Colors

HunterLab(48.3064, 16.8769,
28.3841)

Have a look what the booklet for
HunterLab(48.3064, 16.8769,
28.3841) contains.

HunterLab(48.3879, 16.7389, 28.4351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.3879, 16.7389,
28.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7420
RGB	189, 116, 32
RGB Percent	74%, 45%, 13%
CMY	0.2588, 0.5451, 0.8745
CMYK	0.00, 0.39, 0.83, 0.26
HSL	32°, 71%, 43%
HSV	32°, 83%, 74%
XYZ	27.4924, 23.4139, 4.4368
YIQ	128.2510, 70.4720, -10.6480

Conversions

Conversions Part 2

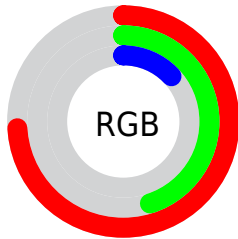
Format	Color
RYB	168, 189, 32
Decimal	12416032
CIELab	55.50, 22.49, 54.45
CIELCh	55, 58.910, 67.553
Yxy	23.4151, 0.4968, 0.4231
Android (android.graphics.Color)	4290606112 (0xFFBD7420)
YUV	128.2510, -47.4517, 53.2769
Hunter-Lab	48.3879, 16.7389, 28.4351

Details

The HunterLab color **48.3879, 16.7389, 28.4351** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **37.5282, 4.8739, -52.8513**, and the grayscale version is **46.7213, -2.4929, 2.5385**.

A 20% lighter version of the original color is **69.9781, 17.9016, 36.3271**, and **29.5975, 15.8294, 18.5150** is the 20% darker color. If you saturate the color by 10%, you get **46.2699, 20.6419, 28.3803**, and if you desaturate by 10%, it is **50.6673, 13.1075, 27.7986**.

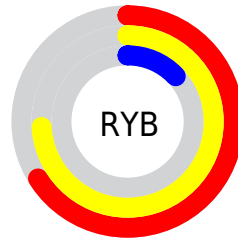
Distribution



Red (74%)

Green (45%)

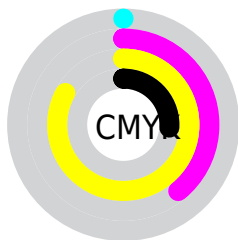
Blue (13%)



Red (66%)

Yellow (74%)

Blue (13%)

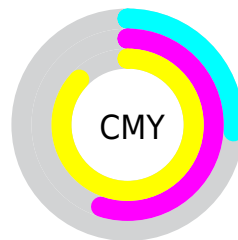


Cyan (0%)

Magenta (39%)

Yellow (83%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3879, 16.7389, 28.4351 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 48.3879, 16.7389, 28.4351 by changing the saturation by 10% instead.

■ 48.3879, 16.7389,
28.4351

■ 48.3879, 16.7389,
28.4351

164.2711, 19.1259,
59.7795

■ 38.6009, 16.0651,
24.1512

■ 70.0529, 17.7763,
36.3364

■ 29.5795, 15.2748,
19.7589

■ 81.8456, 18.1671,
40.0196

■ 21.3966, 14.3469,
14.9776

■ 94.2345, 18.4827,
43.5614

■ 14.1490, 13.2619,
9.9043

■ 107.1922, 18.7295,
46.9833

■ 7.8012, 12.9152,
5.4609

■ 120.6948, 18.9130,
50.3028

0.0000, INF, NaN

0.0000, NaN, NaN

■ 134.7211, 19.0377,

53.5343

0.0000, NaN, NaN

149.2522, 19.1075,
56.6899

0.0000, NaN, NaN

48.3879, 16.7389,
28.4351

48.3879, 16.7389,
28.4351

46.2699, 20.6419,
28.3803

50.6673, 13.1075,
27.7986

44.8895, 23.4472,
28.0712

53.0969, 9.7914,
26.4557

55.6692, 6.8031,
24.4259

58.3747, 4.1446,
21.7454

61.2043, 1.8087,
18.4591

■ 64.1490, -0.2178,
14.6149

■ 67.2003, -1.9514,
10.2603

■ 70.3507, -3.4107,
5.4407

■ 73.5928, -4.6148,
0.1983

Harmonies

Analogous

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



48.3892, 40.6818, 22.7516



48.3879, 16.7389, 28.4351



48.3892, -8.6184, 29.3195

Triad

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



48.3892, 16.7360, 28.4356



48.3892, -40.9701, -3.6300



48.3892, 29.5829, -48.0222

Complementary

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



48.3879, 16.7389, 28.4351



37.5282, 4.8739, -52.8513

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.



48.3892, 3.7603, -66.1167



48.3879, 16.7389, 28.4351



48.3892, -34.5381, -33.3847

Square

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



48.3892, 16.7360, 28.4356



48.3892, -38.8621, 16.8039



48.3892, -19.2808, -59.7315



48.3892, 49.0678, -17.7768

Rectangle

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



48.3879, 16.7389, 28.4351



48.3892, -22.4929, 27.8929



48.3892, -19.2808, -59.7315



48.3892, 21.1751, -56.2709

Sweetspot

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



48.3892, 16.7360, 28.4356



84.9173, 0.3052, 20.8224



35.8850, 56.9123, 0.9078



38.7344, 0.5773, 10.5051



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



48.3892, 16.7360, 28.4356



59.6695, 32.2901, 37.3334



68.3087, -19.7982, 40.5586



32.1852, -1.1886, 4.0121



37.0302, 18.7672, 23.1464



8.1661, 1.9712, 5.0664

Inverse Universe

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



37.5282, 4.8739, -52.8513



43.0973, 17.5531, -91.7599



22.5942, 43.2020, -111.6569



31.5228, -2.0937, -0.6854



27.0260, 9.4801, -54.2448



6.4580, -0.1847, -7.6731

Previews

White Background



This preview shows how the HunterLab color 48.3879, 16.7389, 28.4351 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 48.3879, 16.7389, 28.4351 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 48.3879, 16.7389, 28.4351 Background



This preview shows how black text looks on a background with the HunterLab color 48.3879, 16.7389, 28.4351.



This preview shows how white text looks on a background with the HunterLab color 48.3879, 16.7389,

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

48.3879, 16.7389, 28.4351

Protanopia

48.6496, -6.4834, 27.7311

Deuteranopia

48.5620, 2.9970, 28.7102



Tritanopia

48.2944, 28.2419, 9.9683

Trichromacy



Original Color

48.3879, 16.7389, 28.4351

Protanomaly

48.1587, 1.7225, 27.7477

Deuteranomaly

48.4610, 8.0481, 28.5802

Tritanomaly

48.1988, 23.2821, 19.5354

Monochromacy



Original Color

48.3879, 16.7389, 28.4351

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.5721, 1.9039, 15.5470

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3879, 16.7389, 28.4351 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(189, 116, 32)` looks like.

```
.text, #text, p{  
    color:rgb(189, 116, 32)  
}
```

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(189, 116, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 116, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3879, 16.7389, 28.4351 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(189, 116, 32) }
```


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

```
.border{ border-color:rgb(189, 116, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 116, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 116, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 116, 32);  
box-shadow:4px 4px 4px 4px rgb(189, 116,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3879, 16.7389, 28.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 116, 32) }
```

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

```
.background{ background-color: rgb(189,  
116, 32) }
```

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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