

Converting Colors

HunterLab(46.9229, 7.4020,
28.3687)

Have a look what the booklet for
HunterLab(46.9229, 7.4020,
28.3687) contains.

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Color

**HunterLab(47.0440, 7.2655,
28.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7811
RGB	171, 120, 17
RGB Percent	67%, 47%, 7%
CMY	0.3294, 0.5294, 0.9333
CMYK	0.00, 0.30, 0.90, 0.33
HSL	40°, 82%, 37%
HSV	40°, 90%, 67%
XYZ	23.6123, 22.1314, 3.5576
YIQ	123.5070, 63.4590, -21.2210

Conversions

Conversions Part 2

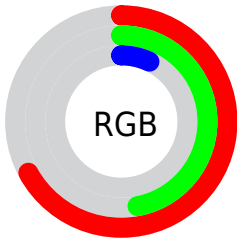
Format	Color
RYB	93, 171, 17
Decimal	11237393
CIELab	54.17, 11.88, 57.04
CIELCh	54, 58.260, 78.239
Yxy	22.1325, 0.4789, 0.4489
Android (android.graphics.Color)	4289427473 (0xFFAB7811)
YUV	123.5070, -52.5080, 41.6514
Hunter-Lab	47.0440, 7.2655, 28.4471

Details

The HunterLab color **47.0440, 7.2655, 28.4471** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **26.8212, 17.2790, -68.3384**, and the grayscale version is **44.8847, -2.3949, 2.4387**.

A 20% lighter version of the original color is **68.5481, 7.4905, 36.7666**, and **28.6568, 7.5100, 17.7897** is the 20% darker color. If you saturate the color by 10%, you get **45.5817, 9.7293, 28.2576**, and if you desaturate by 10%, it is **48.5910, 4.9787, 28.1723**.

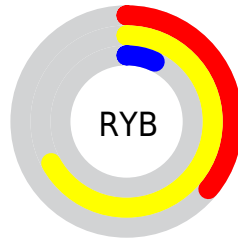
Distribution



Red (67%)

Green (47%)

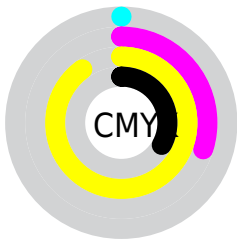
Blue (7%)



Red (36%)

Yellow (67%)

Blue (7%)

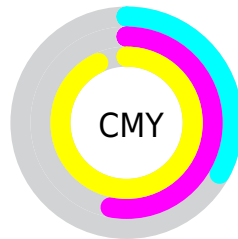


Cyan (0%)

Magenta (30%)

Yellow (90%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0440, 7.2655, 28.4471 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 47.0440, 7.2655, 28.4471 by changing the saturation by 10% instead.

47.0440, 7.2655,
28.4471

47.0440, 7.2655,
28.4471

162.2459, 5.7846,
61.2500

37.3554, 7.1156,
23.9487

68.5309, 7.3265,
36.7446

28.4410, 6.8753,
19.6358

80.2420, 7.2592,
40.6077

20.3761, 6.5242,
14.2633

92.5533, 7.1343,
44.3182

13.2623, 6.0365,
9.2836

105.4369, 6.9565,
47.8988

6.7922, 7.2557,
4.7546

118.8683, 6.7295,
51.3681

0.0000, NaN, NaN

0.0000, NaN, NaN

132.8260, 6.4567,

54.7415

0.0000, NaN, NaN

147.2910, 6.1410,
58.0319

0.0000, NaN, NaN

47.0440, 7.2655,
28.4471

47.0440, 7.2655,
28.4471

45.5817, 9.7293,
28.2576

48.5910, 4.9787,
28.1723

50.2197, 2.9560,
27.2710

51.9309, 1.2113,
25.7210

53.7232, -0.2484,
23.5212

55.5940, -1.4229,
20.6851

■ 57.5406, -2.3168,
17.2351

■ 59.5598, -2.9380,
13.1993

■ 61.6484, -3.2968,
8.6089

■ 63.8031, -3.4051,
3.4966

Harmonies

Analogous

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



47.0452, 32.3178, 24.9410



47.0440, 7.2655, 28.4471



47.0452, -16.0961, 28.0794

Triad

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



47.0452, 7.2630, 28.4475



47.0452, -38.7946, -13.3458



47.0452, 37.0738, -37.0382

Complementary

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



47.0440, 7.2655, 28.4471



26.8212, 17.2790, -68.3384

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.



47.0452, 12.8113, -61.0789



47.0440, 7.2655, 28.4471



47.0452, -29.4605, -43.3336

Square

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



47.0452, 7.2630, 28.4475



47.0452, -39.6889, 10.6553



47.0452, -11.5502, -63.8309



47.0452, 51.6953, -7.2895

Rectangle

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



47.0440, 7.2655, 28.4471



47.0452, -27.7930, 25.6319



47.0452, -11.5502, -63.8309



47.0452, 29.5751, -46.5814

Sweetspot

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



47.0452, 7.2630, 28.4475



77.6921, -3.3491, 21.7465



30.7903, 50.7504, 9.2263



36.2737, -1.4292, 11.0623



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



47.0452, 7.2630, 28.4475



60.6685, 13.6626, 37.6229



59.3433, -24.4415, 35.6091



29.7934, -1.5972, 3.9757



39.7017, 8.2061, 24.6077



7.3020, 0.1291, 4.5017

Inverse Universe

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



26.8212, 17.2790, -68.3384



31.7684, 31.9344, -108.6450



19.6160, 43.3266, -103.6059



28.5908, -1.4146, -0.9728



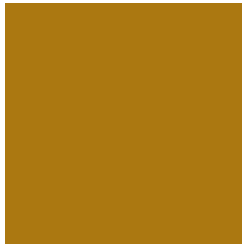
21.1718, 19.2204, -67.9543



4.7607, 0.5417, -7.1198

Previews

White Background



This preview shows how the HunterLab color 47.0440, 7.2655, 28.4471 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 47.0440, 7.2655, 28.4471 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 47.0440, 7.2655, 28.4471 Background



This preview shows how black text looks on a background with the HunterLab color 47.0440, 7.2655, 28.4471.



This preview shows how white text looks on a background with the HunterLab color 47.0440, 7.2655,

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

47.0440, 7.2655, 28.4471

Protanopia

47.0391, -6.5647, 28.0362

Deuteranopia

47.0001, 3.0955, 28.4914



Tritanopia

47.0898, 20.2765, 6.9985

Trichromacy



Original Color

47.0440, 7.2655, 28.4471

Protanomaly

46.8373, -1.5670, 28.0536

Deuteranomaly

47.0840, 4.7303, 28.5267

Tritanomaly

46.7811, 14.0876, 18.7010

Monochromacy



Original Color

47.0440, 7.2655, 28.4471

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.2598, -1.4817, 16.6044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0440, 7.2655, 28.4471 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(171, 120, 17)` looks like.

```
.text, #text, p{  
    color:rgb(171, 120, 17)  
}
```

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(171, 120, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0440, 7.2655, 28.4471 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(171, 120, 17) }
```


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

```
.border{ border-color:rgb(171, 120, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 120, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 120, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 120, 17);  
box-shadow:4px 4px 4px 4px rgb(171, 120,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0440, 7.2655, 28.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 120, 17) }
```

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

```
.background{ background-color: rgb(171,  
120, 17) }
```

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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