

Converting Colors

HunterLab(46.0313, 7.8581,
-33.0651)

Have a look what the booklet for
HunterLab(46.0313, 7.8581,
-33.0651) contains.

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Color

**HunterLab(46.0177, 7.5816,
-32.8104)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6F7BBC |
| RGB | 111, 123, 188 |
| RGB Percent | 44%, 48%, 74% |
| CMY | 0.5647, 0.5176, 0.2627 |
| CMYK | 0.41, 0.35, 0.00, 0.26 |
| HSL | 231°, 36%, 59% |
| HSV | 231°, 41%, 74% |
| XYZ | 22.7156, 21.1763, 50.4672 |
| YIQ | 126.8220, -28.0170, 17.6710 |

Conversions

Conversions Part 2

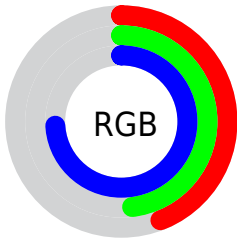
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 111, 121, 188 |
| Decimal | 7306172 |
| CIE Lab | 53.14, 12.26, -35.57 |
| CIE LCh | 53, 37.623, 289.022 |
| Yxy | 21.1771, 0.2407, 0.2244 |
| Android (android.graphics.Color) | 4285496252 (0xFF6F7BBC) |
| YUV | 126.8220, 30.1608, -13.8759 |
| Hunter-Lab | 46.0177, 7.5816, -32.8104 |

Details

The HunterLab color $46.0177, 7.5816, -32.8104$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $65.4910, -7.9458, 26.6003$, and the grayscale version is $45.8931, -2.4487, 2.4935$.

A 20% lighter version of the original color is $67.2695, 7.8647, -34.5503$, and $27.6639, 6.8474, -31.1726$ is the 20% darker color. If you saturate the color by 10%, you get $40.5704, 11.6407, -44.3270$, and if you desaturate by 10%, it is $51.7586, 4.1485, -22.5343$.

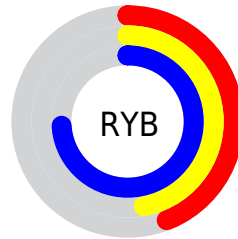
Distribution



Red (44%)

Green (48%)

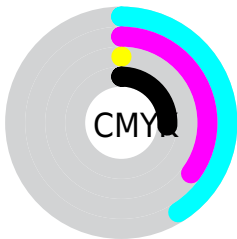
Blue (74%)



Red (44%)

Yellow (47%)

Blue (74%)

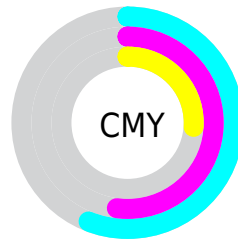


Cyan (41%)

Magenta (35%)

Yellow (0%)

Black (26%)



Cyan (56%)

Magenta (52%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0177, 7.5816, -32.8104 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 46.0177, 7.5816, -32.8104 by changing the saturation by 10% instead.

■ 46.0177, 7.5816,
-32.8104

■ 46.0177, 7.5816,
-32.8104

160.6916, 6.3013,
-37.0508

■ 36.4054, 7.4044,
-32.1875

■ 67.3662, 7.6977,
-34.0526

■ 27.5741, 7.1315,
-31.6447

■ 79.0141, 7.6544,
-34.6259

■ 19.6015, 6.7441,
-31.3376

■ 91.2652, 7.5521,
-35.1538

■ 12.5924, 6.2149,
-31.6823

104.0913, 7.3957,
-35.6328

■ 5.8985, 8.7440,
-39.9844

117.4676, 7.1893,
-36.0616

0.0000, NaN, -NF

0.0000, NaN, -NF

131.3723, 6.9362,

-36.4404

0.0000, NaN, NaN

145.7861, 6.6394,
-36.7697

0.0000, NaN, NaN

■ 46.0177, 7.5816,
-32.8104

■ 46.0177, 7.5816,
-32.8104

■ 40.5704, 11.6407,
-44.3270

■ 51.7586, 4.1485,
-22.5343

■ 35.4825, 16.4791,
-57.3474

■ 57.7412, 1.2097,
-13.2526

■ 30.8501, 22.2361,
-72.0386

■ 63.9299, -1.3404,
-4.7545

■ 26.8032, 28.9393,
-88.2207

■ 70.2976, -3.5831,
3.1268

■ 23.5064, 36.2900,
-104.8844

■ 76.8232, -5.5811,
10.5214

■ 21.2702, 42.7014,
-118.7660

■ 83.4902, -7.3821,
17.5303

■ 90.2856, -9.0231,
24.2318

■ 96.5611, -12.7926,
30.0633

■ 98.1890, -15.3492,
31.5060

Harmonies

Analogous

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



46.0185, -7.9541, -34.5462



46.0177, 7.5816, -32.8104



46.0185, 22.0601, -20.0205

Triad

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



46.0185, 7.5815, -32.8093



46.0185, 18.5812, 19.0823



46.0185, -28.0363, 7.5456

Complementary

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



46.0177, 7.5816, -32.8104



65.4910, -7.9458, 26.6003

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.



46.0185, -22.7209, 17.3958



46.0177, 7.5816, -32.8104



46.0185, 3.3090, 22.4461

Square

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



46.0185, 7.5815, -32.8093



46.0185, 28.9643, 10.7620



46.0185, -11.7042, 21.9514



46.0185, -27.2079, -7.6382

Rectangle

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



46.0177, 7.5816, -32.8104



46.0185, 28.5325, -8.7453



46.0185, -11.7042, 21.9514



46.0185, -26.9399, 11.4797

Sweetspot

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



46.0185, 7.5815, -32.8093



85.0171, -1.4030, -7.7707



65.1523, -25.5404, 2.7126



38.9174, -0.4521, -4.2765



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.



46.0185, 7.5815, -32.8093



55.4406, 14.9912, -57.7885



45.0455, 20.3336, -34.5098



30.7556, -0.8137, -1.6365



17.7537, 34.4858, -96.6356



4.4760, 3.8850, -13.9812

Inverse Universe

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



48.4677, 25.6649, 7.3909



60.0041, 43.4348, 11.8446



66.9560, -21.6761, 27.5606



30.9192, 1.2507, 2.0351



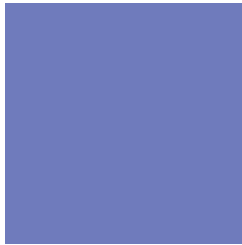
27.1070, 46.6747, 15.5532



5.4368, 9.5028, 2.0232

Previews

White Background



This preview shows how the HunterLab color 46.0177, 7.5816, -32.8104 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 46.0177, 7.5816, -32.8104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

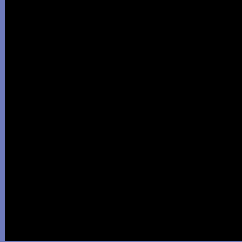
Any Text WCAG AA ✓ Pass

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 46.0177, 7.5816, -32.8104 Background



This preview shows how black text looks on a background with the HunterLab color 46.0177, 7.5816, -32.8104.



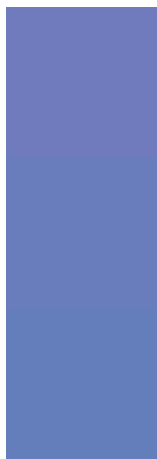
This preview shows how white text looks on a background with the HunterLab color 46.0177, 7.5816, -32.8104.

-32.8104.

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

46.0177, 7.5816, -32.8104

Protanopia

46.2002, 5.4807, -33.2203

Deuteranopia

46.0640, 3.4224, -32.0681



Tritanopia

45.9765, -9.1978, -5.3422

Trichromacy



Original Color

46.0177, 7.5816, -32.8104

Protanomaly

46.0600, 6.4220, -33.4784

Deuteranomaly

46.0414, 4.7674, -32.0881

Tritanomaly

45.9209, -3.7784, -14.1202

Monochromacy



Original Color

46.0177, 7.5816, -32.8104

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.9963, 0.1128, -8.3069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0177, 7.5816, -32.8104 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(111, 123, 188)` looks like.

```
.text, #text, p{  
    color:rgb(111, 123, 188)  
}
```

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(111, 123, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 123, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0177, 7.5816, -32.8104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

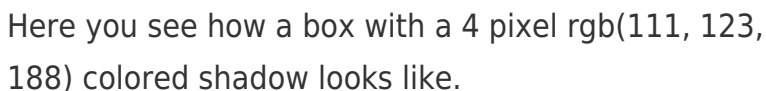
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 123, 188) }
```


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

```
.border{ border-color:rgb(111, 123, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 123, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 123, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 123, 188); box-shadow:4px 4px 4px 4px rgb(111, 123, 188) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.0177, 7.5816, -32.8104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 123, 188) }
```

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

```
.background{ background-color: rgb(111,  
123, 188) }
```

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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