

Converting Colors

HunterLab(46.4931, 2.7327,
-39.9356)

Have a look what the booklet for
HunterLab(46.4931, 2.7327,
-39.9356) contains.

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Color

**HunterLab(46.4115, 2.8760,
-40.3772)**

Conversions

Conversions Part 1

Format	Color
Hex	5680C7
RGB	86, 128, 199
RGB Percent	34%, 50%, 78%
CMY	0.6627, 0.4980, 0.2196
CMYK	0.57, 0.36, 0.00, 0.22
HSL	218°, 50%, 56%
HSV	218°, 57%, 78%
XYZ	21.8657, 21.5403, 57.0380
YIQ	123.5360, -47.8230, 13.1770

Conversions

Conversions Part 2

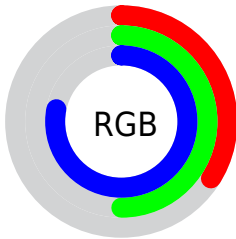
Format	Color
R _Y B	86, 117, 199
Decimal	5669063
CIE Lab	53.54, 6.65, -41.33
CIE LCh	54, 41.865, 279.135
Yxy	21.5410, 0.2177, 0.2145
Android (android.graphics.Color)	4283859143 (0xFF5680C7)
YUV	123.5360, 37.2038, -32.9191
Hunter-Lab	46.4115, 2.8760, -40.3772

Details

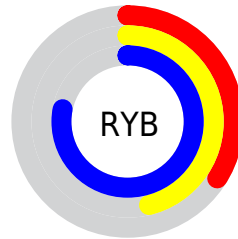
The HunterLab color $46.4115, 2.8760, -40.3772$ is a dark color, and the websafe version is hex 336699 . The color can be described as middle muted azure. A complement of this color would be $60.7698, 3.1885, 28.9110$, and the grayscale version is $44.5879, -2.3791, 2.4225$.

A 20% lighter version of the original color is $67.6034, 2.3577, -41.2754$, and $27.8325, 3.3730, -39.8559$ is the 20% darker color. If you saturate the color by 10%, you get $42.0247, 6.0991, -50.2299$, and if you desaturate by 10%, it is $51.0747, 0.4157, -31.2452$.

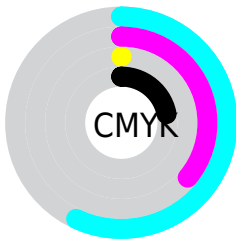
Distribution



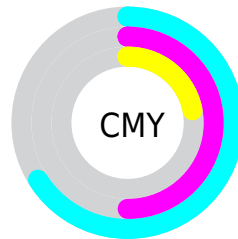
- Red (34%)
- Green (50%)
- Blue (78%)



- Red (34%)
- Yellow (46%)
- Blue (78%)



- Cyan (57%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4115, 2.8760, -40.3772 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 46.4115, 2.8760, -40.3772 by changing the saturation by 10% instead.

■ 46.4115, 2.8760,
-40.3772

■ 46.4115, 2.8760,
-40.3772

■ 161.2885, -0.6034,
-45.5682

■ 36.7696, 3.0097,
-39.7707

■ 67.8131, 2.4250,
-41.7304

■ 27.9063, 3.0697,
-39.3385

■ 79.4854, 2.1193,
-42.3980

■ 19.8981, 3.0431,
-39.3182

■ 91.7597, 1.7664,
-43.0345

■ 12.8485, 2.9090,
-40.3272

■ 104.6079, 1.3697,
-43.6316

■ 6.2572, 4.2943,
-50.0671

■ 118.0053, 0.9321,
-44.1851

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 131.9305, 0.4561,

-44.6927

0.0000, NaN, NaN

146.3640, -0.0564,
-45.1537

0.0000, NaN, NaN

■ 46.4115, 2.8760,
-40.3772

■ 46.4115, 2.8760,
-40.3772

■ 42.0247, 6.0991,
-50.2299

■ 51.0747, 0.4157,
-31.2452

■ 37.9584, 10.1978,
-60.8300

■ 55.9732, -1.3983,
-22.7691

■ 34.2672, 15.2529,
-72.1072

■ 61.0766, -2.6695,
-14.8643

■ 31.0027, 21.2411,
-83.8585

■ 66.3594, -3.4866,
-7.4477

■ 30.0266, 23.2791,
-87.7835

■ 71.8011, -3.9226,
-0.4433

■ 77.3849, -4.0375,
6.2149

■ 83.0970, -3.8797,
12.5832

■ 88.9259, -3.4889,
18.7088

■ 93.8192, -6.5206,
23.5499

Harmonies

Analogous

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



46.4123, -13.6563, -37.4145



46.4115, 2.8760, -40.3772



46.4123, 20.2361, -29.0104

Triad

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



46.4123, 2.8763, -40.3761



46.4123, 25.9880, 18.2915



46.4123, -29.4619, 12.3732

Complementary

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



46.4115, 2.8760, -40.3772



60.7698, 3.1885, 28.9110

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.



46.4123, -21.5222, 20.8739



46.4115, 2.8760, -40.3772



46.4123, 9.8678, 23.3268

Square

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



46.4123, 2.8763, -40.3761



46.4123, 34.7978, 7.2382



46.4123, -7.6019, 24.0599



46.4123, -30.7703, -2.7380

Rectangle

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



46.4115, 2.8760, -40.3772



46.4123, 29.3755, -16.6336



46.4123, -7.6019, 24.0599



46.4123, -27.5417, 15.9167

Sweetspot

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



46.4123, 2.8763, -40.3761



87.4762, -4.5748, -10.3013



67.2425, -37.4107, 13.1697



39.8039, -2.0326, -5.6720

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4123, 2.8763, -40.3761



54.3765, 9.1677, -69.4895



36.6650, 27.3780, -64.3035



33.0492, -1.8045, -1.0468



24.3974, 17.8781, -69.0883



6.4831, 1.3543, -11.0268

Inverse Universe

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



45.1190, 42.8059, 1.7145



54.1398, 68.1911, 4.7527



72.0662, -21.3213, 36.7894



32.7125, 1.6530, 1.3317



28.5322, 50.0302, 9.3839



6.3202, 11.2943, 0.4345

Previews

White Background



This preview shows how the HunterLab color 46.4115, 2.8760, -40.3772 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 46.4115, 2.8760, -40.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

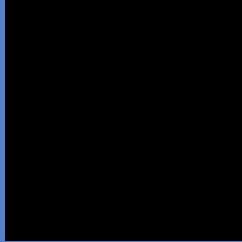
Any Text WCAG AA ✓ Pass

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 46.4115, 2.8760, -40.3772 Background



This preview shows how black text looks on a background with the HunterLab color 46.4115, 2.8760, -40.3772.

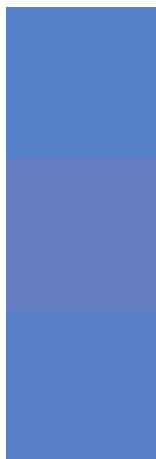


This preview shows how white text looks on a background with the HunterLab color 46.4115, 2.8760, -40.3772.

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

46.4115, 2.8760, -40.3772

Protanopia

46.3439, 6.6268, -38.1406

Deuteranopia

46.2883, 3.9026, -40.6188



Tritanopia

46.3736, -16.6415, -8.0695

Trichromacy



Original Color

46.4115, 2.8760, -40.3772

Protanomaly

46.3030, 5.1790, -39.0167

Deuteranomaly

46.2352, 3.7250, -40.7341

Tritanomaly

46.1050, -10.0355, -18.7804

Monochromacy



Original Color

46.4115, 2.8760, -40.3772

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.9629, -1.8669, -10.9342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4115, 2.8760, -40.3772 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(86, 128, 199)` looks like.

```
.text, #text, p{  
    color:rgb(86, 128, 199)  
}
```

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(86, 128, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 128, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4115, 2.8760, -40.3772 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(86, 128, 199) }
```


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

```
.border{ border-color:rgb(86, 128, 199) }
```

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

Here you see how a box with a 4 pixel rgb(86, 128, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 128, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 128, 199);  
box-shadow:4px 4px 4px 4px rgb(86, 128,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4115, 2.8760, -40.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 128, 199) }
```

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

```
.background{ background-color: rgb(86, 128,  
199) }
```

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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