

Converting Colors

HunterLab(45.9515, 14.4118,
-41.1499)

Have a look what the booklet for
HunterLab(45.9515, 14.4118,
-41.1499) contains.

HunterLab(46.0859, 14.2949, -40.8656)	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(46.0859, 14.2949,
-40.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	7777C7
RGB	119, 119, 199
RGB Percent	47%, 47%, 78%
CMY	0.5333, 0.5333, 0.2196
CMYK	0.40, 0.40, 0.00, 0.22
HSL	240°, 42%, 62%
HSV	240°, 40%, 78%
XYZ	24.5134, 21.2391, 56.8404
YIQ	128.1200, -25.6800, 24.8800

Conversions

Conversions Part 2

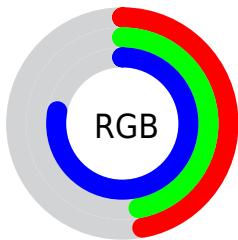
Format	Color
R _Y B	119, 119, 199
Decimal	7829447
CIE Lab	53.21, 19.95, -41.71
CIE LCh	53, 46.234, 295.559
Yxy	21.2399, 0.2389, 0.2070
Android (android.graphics.Color)	4286019527 (0xFF7777C7)
YUV	128.1200, 34.9438, -7.9982
Hunter-Lab	46.0859, 14.2949, -40.8656

Details

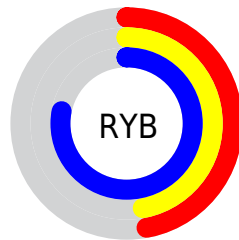
The HunterLab color $46.0859, 14.2949, -40.8656$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $73.7028, -14.4091, 31.1228$, and the grayscale version is $46.3832, -2.4749, 2.5201$.

A 20% lighter version of the original color is $67.3383, 14.8791, -41.5461$, and $27.7031, 13.0149, -40.0332$ is the 20% darker color. If you saturate the color by 10%, you get $39.6548, 20.3487, -55.9965$, and if you desaturate by 10%, it is $52.9538, 8.9913, -27.7112$.

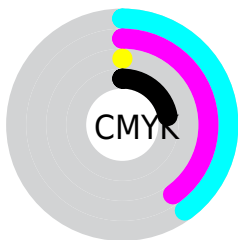
Distribution



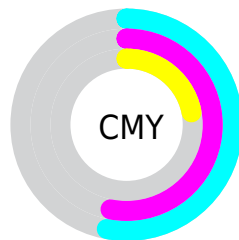
- Red (47%)
- Green (47%)
- Blue (78%)



- Red (47%)
- Yellow (47%)
- Blue (78%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0859, 14.2949, -40.8656 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 46.0859, 14.2949, -40.8656 by changing the saturation by 10% instead.

■ 46.0859, 14.2949,
-40.8656

■ 46.0859, 14.2949,
-40.8656

160.7951, 15.8982,
-46.1190

■ 36.4684, 13.7226,
-40.2662

■ 67.4436, 15.1443,
-42.2217

■ 27.6316, 13.0322,
-39.8538

■ 79.0957, 15.4433,
-42.8951

■ 19.6528, 12.2038,
-39.8795

■ 91.3509, 15.6695,
-43.5389

■ 12.6367, 11.2140,
-40.9988

104.1808, 15.8293,
-44.1445

■ 5.9622, 14.2598,
-52.5420

117.5608, 15.9279,
-44.7070

0.0000, NaN, -NF

0.0000, NaN, -NF

131.4690, 15.9698,

-45.2240

0.0000, NaN, NaN

145.8863, 15.9588,
-45.6947

0.0000, NaN, NaN

■ 46.0859, 14.2949,
-40.8656

■ 46.0859, 14.2949,
-40.8656

■ 39.6548, 20.3487,
-55.9965

■ 52.9538, 8.9913,
-27.7112

■ 33.7872, 27.3083,
-73.5204

■ 60.1686, 4.2698,
-16.0938

■ 28.6736, 35.1702,
-93.4434

■ 67.6704, -0.0101,
-5.6437

■ 24.5772, 43.4158,
-114.4451

■ 75.4158, -3.9562,
3.9220

■ 21.7946, 50.5489,
-132.6773

■ 83.3728, -7.6492,
12.8147

■ 20.3066, 55.0815,
-144.2859

■ 91.5172, -11.1490,
21.1915

■ 98.4396, -13.9526,
27.8697

Harmonies

Analogous

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



46.0867, -5.2429, -47.0027



46.0859, 14.2949, -40.8656



46.0867, 31.5146, -21.6482

Triad

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



46.0867, 14.2948, -40.8643



46.0867, 19.9531, 22.8863



46.0867, -33.3940, 5.1069

Complementary

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



46.0859, 14.2949, -40.8656



73.7028, -14.4091, 31.1228

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.



46.0867, -28.7738, 18.0941



46.0859, 14.2949, -40.8656



46.0867, 0.3873, 25.3833

Square

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



46.0867, 14.2948, -40.8643



46.0867, 35.1333, 15.0736



46.0867, -17.1205, 24.0724



46.0867, -30.8859, -15.0444

Rectangle

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



46.0859, 14.2949, -40.8656



46.0867, 38.2912, -6.9757



46.0867, -17.1205, 24.0724



46.0867, -32.6471, 10.3264

Sweetspot

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



46.0867, 14.2948, -40.8643



87.5545, 1.0667, -10.0969



69.9234, -24.4905, -3.1586



39.8929, 0.8334, -5.4996

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.0867, 14.2948, -40.8643



53.7029, 25.6553, -70.9100



49.6878, 25.1457, -33.4176



32.0741, -0.1617, -2.2687



16.2835, 44.1690, -115.7005



3.5434, 9.6112, -25.1761

Inverse Universe

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



54.2769, 38.0730, -24.9111



67.1905, 62.0644, -40.9928



70.3919, -26.6939, 28.2071



32.8887, 2.5975, -1.1728



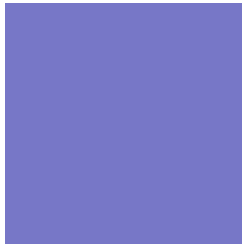
32.3405, 63.5823, -42.6533



7.0373, 13.8356, -9.2815

Previews

White Background



This preview shows how the HunterLab color 46.0859, 14.2949, -40.8656 looks on a white background.

Color Contrast Check

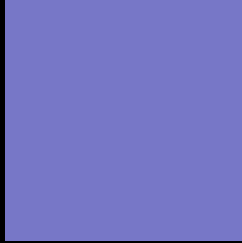
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0859, 14.2949, -40.8656 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 46.0859, 14.2949, -40.8656 Background



This preview shows how black text looks on a background with the HunterLab color 46.0859, 14.2949, -40.8656.



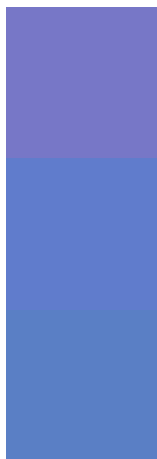
This preview shows how white text looks on a background with the HunterLab color 46.0859, 14.2949, -40.8656.

-40.8656.

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

46.0859, 14.2949, -40.8656

Protanopia

46.1104, 8.0743, -44.9006

Deuteranopia

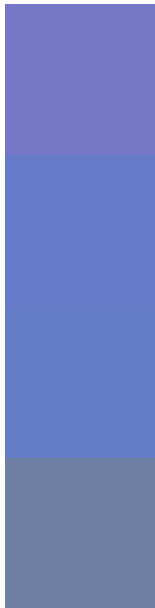
46.2424, 3.5495, -39.1712



Tritanopia

46.0313, -7.5574, -4.7304

Trichromacy



Original Color

46.0859, 14.2949, -40.8656

Protanomaly

45.9635, 10.1631, -43.5776

Deuteranomaly

46.1077, 7.4530, -40.1588

Tritanomaly

45.9762, -0.3610, -16.3604

Monochromacy



Original Color

46.0859, 14.2949, -40.8656

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.2172, 2.6353, -10.6943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0859, 14.2949, -40.8656 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(119, 119, 199)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 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(119, 119, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0859, 14.2949, -40.8656 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(119, 119, 199) }
```


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

```
.border{ border-color:rgb(119, 119, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 119, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 199);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.0859, 14.2949, -40.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 119, 199) }
```

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

```
.background{ background-color: rgb(119,  
119, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor