

Converting Colors

HunterLab(42.9203, -7.0480,
-28.8583)

Have a look what the booklet for
HunterLab(42.9203, -7.0480,
-28.8583) contains.

HunterLab(42.9573, -7.0710, -28.9233)	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(42.9573, -7.0710,
-28.9233)**

Conversions

Conversions Part 1

Format	Color
Hex	347DAE
RGB	52, 125, 174
RGB Percent	20%, 49%, 68%
CMY	0.7960, 0.5098, 0.3176
CMYK	0.70, 0.28, 0.00, 0.32
HSL	204°, 54%, 44%
HSV	204°, 70%, 68%
XYZ	16.3898, 18.4533, 42.7424
YIQ	108.7590, -59.2370, -0.2370

Conversions

Conversions Part 2

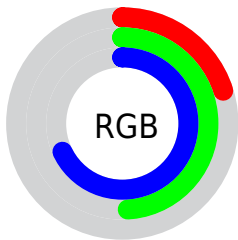
Format	Color
R_{YB}	52, 98, 174
Decimal	3440046
CIE _{Lab}	50.04, -6.36, -32.58
CIE _{LCh}	50, 33.191, 258.954
Yxy	18.4539, 0.2113, 0.2378
Android (android.graphics.Color)	4281630126 (0xFF347DAE)
YUV	108.7590, 32.1638, -49.7776
Hunter-Lab	42.9573, -7.0710, -28.9233

Details

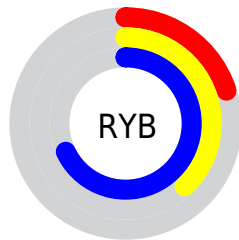
The HunterLab color $42.9573, -7.0710, -28.9233$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $43.0760, 18.8066, 22.3996$, and the grayscale version is $38.9126, -2.0763, 2.1142$.

A 20% lighter version of the original color is $63.7716, -8.5529, -30.4558$, and $25.5917, -2.6875, -26.1859$ is the 20% darker color. If you saturate the color by 10%, you get $40.4554, -5.4959, -33.8560$, and if you desaturate by 10%, it is $45.6466, -8.0332, -24.0272$.

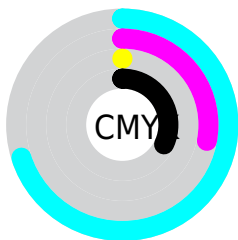
Distribution



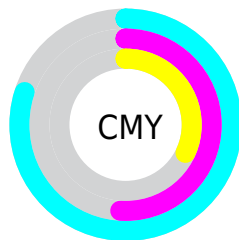
- Red (20%)
- Green (49%)
- Blue (68%)



- Red (20%)
- Yellow (38%)
- Blue (68%)



- Cyan (70%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)



- Cyan (80%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9573, -7.0710, -28.9233 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 42.9573, -7.0710, -28.9233 by changing the saturation by 10% instead.

■ 42.9573, -7.0710,
-28.9233

■ 42.9573, -7.0710,
-28.9233

156.0184,
-15.7706, -32.7028

■ 33.5803, -6.1757,
-28.3209

■ 63.8822, -8.8923,
-30.0931

■ 25.0061, -5.2847,
-27.7835

■ 75.3365, -9.8242,
-30.6195

■ 17.3192, -4.3878,
-27.4691

■ 87.4039, -10.7721,
-31.0960

■ 10.6372, -3.4649,
-27.8339

■ 100.0545,
-11.7368, -31.5203

■ 0.6828, -1.1949,
-257.8080

■ 113.2626,
-12.7188, -31.8922

0.0000, NaN, -NF

127.0057,

0.0000, NaN, NaN

-13.7183, -32.2124

0.0000, NaN, NaN

141.2636,
-14.7356, -32.4821

0.0000, NaN, NaN

■ 42.9573, -7.0710,
-28.9233

■ 42.9573, -7.0710,
-28.9233

■ 40.4554, -5.4959,
-33.8560

■ 45.6466, -8.0332,
-24.0272

■ 38.1461, -3.2938,
-38.7934

■ 48.5101, -8.4213,
-19.1993

■ 36.0268, -0.6100,
-43.7136

■ 51.5359, -8.2835,
-14.4588

■ 54.7114, -7.6723,
-9.8173

■ 58.0246, -6.6388,
-5.2799

■ 61.4640, -5.2310,
-0.8462

■ 65.0194, -3.4923,
3.4874

■ 68.6815, -1.4611,
7.7266

■ 72.4420, 0.8291,
11.8784

Harmonies

Analogous

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



42.9580, -17.7861, -20.2668



42.9573, -7.0710, -28.9233



42.9580, 6.3035, -27.5023

Triad

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



42.9580, -7.0707, -28.9224



42.9580, 24.5733, 9.4930



42.9580, -19.8799, 15.4095

Complementary

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



42.9573, -7.0710, -28.9233



43.0760, 18.8066, 22.3996

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.



42.9580, -10.2652, 19.5325



42.9573, -7.0710, -28.9233



42.9580, 15.7607, 16.9019

Square

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



42.9580, -7.0707, -28.9224



42.9580, 25.6992, -2.5726



42.9580, 2.7001, 19.9801



42.9580, -24.5614, 6.7302

Rectangle

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



42.9573, -7.0710, -28.9233



42.9580, 14.9367, -21.1186



42.9580, 2.7001, 19.9801



42.9580, -17.1758, 17.2454

Sweetspot

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



42.9580, -7.0707, -28.9224



77.5754, -9.1458, -7.8740



56.5141, -39.2286, 21.2728



35.9990, -4.5053, -4.4860



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



42.9580, -7.0707, -28.9224



52.7806, -5.9116, -49.1754



27.3432, 23.3175, -69.5749



29.1960, -2.4124, -0.2325



30.8746, -0.8454, -36.7656



6.0711, -1.5800, -4.1775

Inverse Universe

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



35.9668, 48.1568, -8.9788



44.5171, 73.8169, -9.9194



59.1756, -10.1648, 33.0298



28.4478, 1.6610, 0.4105



26.9543, 48.9000, -3.8220



4.6103, 8.5674, -2.2303

Previews

White Background



This preview shows how the HunterLab color 42.9573, -7.0710, -28.9233 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 42.9573, -7.0710, -28.9233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

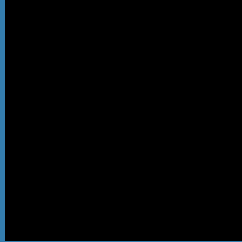
Any Text WCAG AA ✓ Pass

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 42.9573, -7.0710, -28.9233 Background



This preview shows how black text looks on a background with the HunterLab color 42.9573, -7.0710, -28.9233.

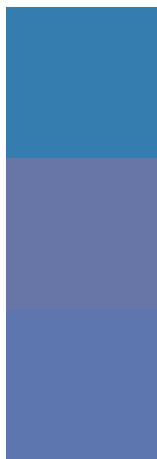


This preview shows how white text looks on a background with the HunterLab color 42.9573, -7.0710, -28.9233.

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

42.9573, -7.0710, -28.9233

Protanopia

42.8908, 3.7223, -24.0434

Deuteranopia

42.9169, 3.2094, -30.2430



Tritanopia

42.9169, -19.1601, -9.2446

Trichromacy



Original Color

42.9573, -7.0710, -28.9233

Protanomaly

42.6849, -0.9805, -26.5394

Deuteranomaly

42.8831, -1.2982, -29.6729

Tritanomaly

42.9053, -15.1318, -16.0735

Monochromacy



Original Color

42.9573, -7.0710, -28.9233

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

40.0370, -5.9138, -8.2941

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9573, -7.0710, -28.9233 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(52, 125, 174)` looks like.

```
.text, #text, p{  
    color:rgb(52, 125, 174)  
}
```

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(52, 125, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 125, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9573, -7.0710, -28.9233 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(52, 125, 174) }
```


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

```
.border{ border-color:rgb(52, 125, 174) }
```

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

Here you see how a box with a 4 pixel rgb(52, 125, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 125, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 125, 174);  
box-shadow:4px 4px 4px 4px rgb(52, 125,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9573, -7.0710, -28.9233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 125, 174) }
```

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

```
.background{ background-color: rgb(52, 125,  
174) }
```

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