

Converting Colors

HunterLab(40.2545, 2.1172,
-27.7642)

Have a look what the booklet for
HunterLab(40.2545, 2.1172,
-27.7642) contains.

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Color

**HunterLab(40.2942, 1.8345,
-27.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	5570A5
RGB	85, 112, 165
RGB Percent	33%, 44%, 65%
CMY	0.6667, 0.5608, 0.3529
CMYK	0.48, 0.32, 0.00, 0.35
HSL	220°, 32%, 49%
HSV	220°, 48%, 65%
XYZ	16.3320, 16.2362, 37.8704
YIQ	109.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

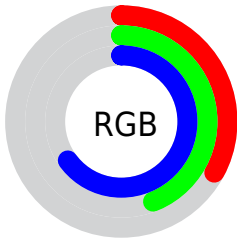
Format	Color
R _Y B	85, 105, 165
Decimal	5599397
CIE Lab	47.28, 5.20, -31.54
CIE LCh	47, 31.968, 279.366
Yxy	16.2368, 0.2319, 0.2305
Android (android.graphics.Color)	4283789477 (0xFF5570A5)
YUV	109.9690, 27.1303, -21.8978
Hunter-Lab	40.2942, 1.8345, -27.5176

Details

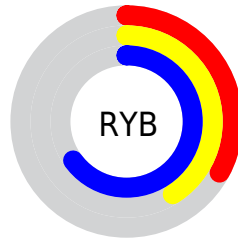
The HunterLab color $40.2942, 1.8345, -27.5176$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $51.8005, -0.2102, 22.0778$, and the grayscale version is $39.3852, -2.1015, 2.1399$.

A 20% lighter version of the original color is $60.7047, 1.5726, -28.6986$, and $22.9104, 2.0289, -26.2775$ is the 20% darker color. If you saturate the color by 10%, you get $36.4483, 4.1479, -35.3743$, and if you desaturate by 10%, it is $44.3417, 0.0537, -20.2741$.

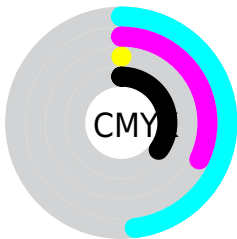
Distribution



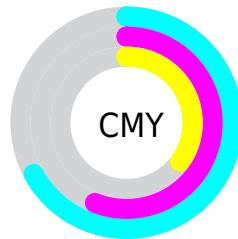
- Red (33%)
- Green (44%)
- Blue (65%)



- Red (33%)
- Yellow (41%)
- Blue (65%)



- Cyan (48%)
- Magenta (32%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2942, 1.8345, -27.5176 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 40.2942, 1.8345, -27.5176 by changing the saturation by 10% instead.

■ 40.2942, 1.8345,
-27.5176

■ 40.2942, 1.8345,
-27.5176

■ 151.8997, -1.9773,
-31.1995

■ 31.1318, 2.0084,
-26.9271

■ 60.8349, 1.3035,
-28.6702

■ 22.7929, 2.1086,
-26.4136

■ 72.1143, 0.9591,
-29.1875

■ 15.3695, 2.1200,
-26.1646

■ 84.0157, 0.5685,
-29.6540

■ 8.9797, 2.0660,
-26.8194

■ 96.5081, 0.1349,
-30.0675

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.5649, -0.3387,
-30.4277

0.0000, NaN, NaN

123.1625, -0.8499,

0.0000, NaN, NaN

-30.7355

0.0000, NaN, NaN

137.2802, -1.3967,
-30.9922

■ 40.2942, 1.8345,
-27.5176

■ 40.2942, 1.8345,
-27.5176

■ 36.4483, 4.1479,
-35.3743

■ 44.3417, 0.0537,
-20.2741

■ 32.8368, 7.0922,
-43.9168

■ 48.5605, -1.2835,
-13.5626

■ 29.5038, 10.7619,
-53.1673

■ 52.9292, -2.2522,
-7.3003

■ 26.5006, 15.2155,
-63.0468

■ 57.4298, -2.9142,
-1.4136

■ 23.8605, 20.3598,
-73.3959

■ 62.0481, -3.3197,
4.1604

■ 23.4833, 21.1621,
-75.0350

■ 66.7723, -3.5089,
9.4748

■ 71.5928, -3.5145,
14.5733

■ 76.5014, -3.3629,
19.4922

■ 81.4915, -3.0757,
24.2614

Harmonies

Analogous

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



40.2949, -10.2774, -25.6080



40.2942, 1.8345, -27.5176



40.2949, 14.2544, -19.7899

Triad

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



40.2949, 1.8345, -27.5167



40.2949, 18.1647, 14.1677



40.2949, -22.2693, 9.4475

Complementary

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



40.2942, 1.8345, -27.5176



51.8005, -0.2102, 22.0778

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.



40.2949, -16.2923, 16.1686



40.2942, 1.8345, -27.5176



40.2949, 6.6726, 18.2604

Square

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



40.2949, 1.8345, -27.5167



40.2949, 24.4113, 5.7398



40.2949, -5.9897, 18.8600



40.2949, -23.2311, -1.7079

Rectangle

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



40.2942, 1.8345, -27.5176



40.2949, 20.6849, -11.2833



40.2949, -5.9897, 18.8600



40.2949, -20.8182, 12.1913

Sweetspot

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



40.2949, 1.8345, -27.5167



72.7465, -3.3395, -7.1919



55.3607, -26.8580, 8.2955



33.4568, -1.4691, -4.1090



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



40.2949, 1.8345, -27.5167



48.4876, 5.7550, -47.9768



34.2866, 17.9362, -40.1157



26.8933, -1.3535, -0.8756



20.6308, 17.8717, -64.3667



4.1708, 0.1198, -5.4717

Inverse Universe

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



39.5813, 28.5511, 1.9268



48.2654, 47.1972, 3.7985



58.5993, -16.5507, 27.1225



26.6900, 1.2300, 1.2002



25.0476, 43.7818, 9.3083



3.7465, 6.7683, -0.3107

Previews

White Background



This preview shows how the HunterLab color 40.2942, 1.8345, -27.5176 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.2942, 1.8345, -27.5176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

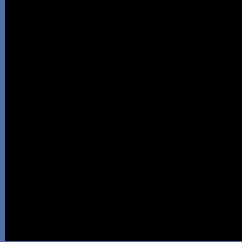
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

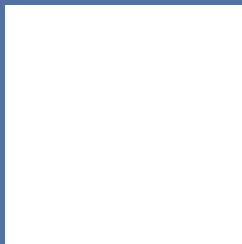
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.2942, 1.8345, -27.5176 Background



This preview shows how black text looks on a background with the HunterLab color 40.2942, 1.8345, -27.5176.

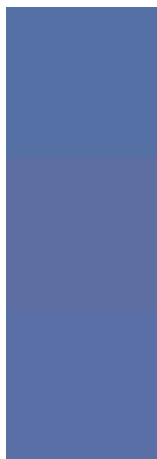


This preview shows how white text looks on a background with the HunterLab color 40.2942, 1.8345, -27.5176.

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

40.2942, 1.8345, -27.5176

Protanopia

40.2193, 4.1904, -26.2242

Deuteranopia

40.2608, 3.1225, -27.5591



Tritanopia

40.2920, -11.2209, -5.9302

Trichromacy



Original Color

40.2942, 1.8345, -27.5176

Protanomaly

40.3403, 3.2982, -26.7052

Deuteranomaly

40.1997, 2.9179, -27.6800

Tritanomaly

40.0793, -6.5859, -13.2762

Monochromacy



Original Color

40.2942, 1.8345, -27.5176

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.6829, -1.6103, -7.1298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2942, 1.8345, -27.5176 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(85, 112, 165)` looks like.

```
.text, #text, p{  
    color:rgb(85, 112, 165)  
}
```

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(85, 112, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 112, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2942, 1.8345, -27.5176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

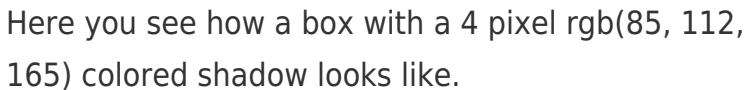
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 112, 165) }
```


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

```
.border{ border-color:rgb(85, 112, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 112, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 112, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 112, 165); box-shadow:4px 4px 4px 4px rgb(85, 112, 165) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2942, 1.8345, -27.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 112, 165) }
```

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

```
.background{ background-color: rgb(85, 112,  
165) }
```

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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