

Converting Colors

HunterLab(42.9196, -2.7645,
-40.1089)

Have a look what the booklet for
HunterLab(42.9196, -2.7645,
-40.1089) contains.

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Color

**HunterLab(42.9196, -2.7645,
-40.1089)**

Conversions

Conversions Part 1	
Format	Color
Hex	2E7BBD
RGB	46, 123, 189
RGB Percent	18%, 48%, 74%
CMY	0.8196, 0.5176, 0.2588
CMYK	0.76, 0.35, 0.00, 0.26
HSL	208°, 61%, 46%
HSV	208°, 76%, 74%
XYZ	17.3950, 18.4209, 50.7830
YIQ	107.5010, -67.0780, 4.2020

Conversions

Conversions Part 2

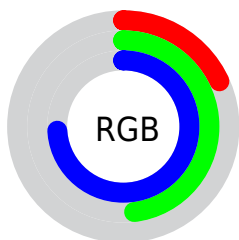
Format	Color
RYB	46, 96, 189
Decimal	3046333
CIELab	50.00, -0.62, -41.30
CIELCh	50, 41.308, 269.146
Yxy	18.4215, 0.2009, 0.2127
Android (android.graphics.Color)	4281236413 (0xFF2E7BBD)
YUV	107.5010, 40.1790, -53.9364
Hunter-Lab	42.9196, -2.7645, -40.1089

Details

The HunterLab color $42.9196, -2.7645, -40.1089$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $47.5466, 19.1898, 26.4094$, and the grayscale version is $38.4065, -2.0493, 2.0867$.

A 20% lighter version of the original color is $63.7913, -3.8483, -41.7960$, and $26.0412, 1.6505, -36.1123$ is the 20% darker color. If you saturate the color by 10%, you get $40.0076, -0.0143, -46.6965$, and if you desaturate by 10%, it is $46.0684, -4.7789, -33.6586$.

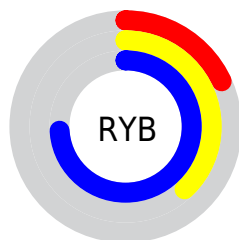
Distribution



Red (18%)

Green (48%)

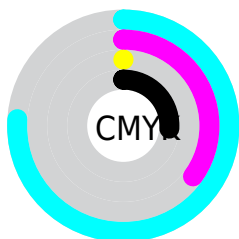
Blue (74%)



Red (18%)

Yellow (38%)

Blue (74%)

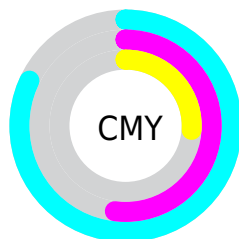


Cyan (76%)

Magenta (35%)

Yellow (0%)

Black (26%)



Cyan (82%)

Magenta (52%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9196, -2.7645, -40.1089 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 42.9196, -2.7645, -40.1089 by changing the saturation by 10% instead.

■ 42.9196, -2.7645,
-40.1089

■ 42.9196, -2.7645,
-40.1089

155.9604, -9.0558,
-45.3799

■ 33.5456, -2.2259,
-39.5466

■ 63.8391, -3.9482,
-41.4467

■ 24.9746, -1.7272,
-39.2204

■ 75.2910, -4.5904,
-42.1217

■ 17.2913, -1.2712,
-39.4551

■ 87.3560, -5.2638,
-42.7699

■ 10.6135, -0.8618,
-41.1613

■ 100.0044, -5.9670,
-43.3810

■ 0.1948, -0.3409,
-1354.6616

■ 113.2105, -6.6988,
-43.9496

0.0000, NaN, -NF

0.0000, NaN, -NF

126.9515, -7.4582,

-44.4729

0.0000, NaN, NaN

141.2074, -8.2442,
-44.9497

0.0000, NaN, NaN

■ 42.9196, -2.7645,
-40.1089

■ 42.9196, -2.7645,
-40.1089

■ 40.0076, -0.0143,
-46.6965

■ 46.0684, -4.7789,
-33.6586

■ 37.3411, 3.4716,
-53.3736


■ 49.4346, -6.1031,
-27.3882


■ 36.2363, 5.1252,
-56.3561


■ 53.0001, -6.7991,
-21.3188


■ 56.7465, -6.9349,
-15.4570

■ 60.6567, -6.5768,
-9.7986

 64.7155, -5.7860,
-4.3323

 68.9092, -4.6168,
0.9567

 73.2259, -3.1168,
6.0849

 77.6553, -1.3266,
11.0691

Harmonies

Analogous

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



42.9203, -17.3779, -32.4767



42.9196, -2.7645, -40.1089



42.9203, 14.2740, -33.2532

Triad

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



42.9203, -2.7639, -40.1079



42.9203, 29.0712, 14.5868



42.9203, -26.2690, 15.1085

Complementary

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



42.9196, -2.7645, -40.1089



47.5466, 19.1898, 26.4094

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.



42.9203, -16.6740, 21.2171



42.9196, -2.7645, -40.1089



42.9203, 15.2156, 21.0058

Square

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



42.9203, -2.7639, -40.1079



42.9203, 34.2496, 1.8843



42.9203, -1.8189, 22.8806



42.9203, -29.6258, 2.7834

Rectangle

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



42.9196, -2.7645, -40.1089



42.9203, 24.4301, -22.4579



42.9203, -1.8189, 22.8806



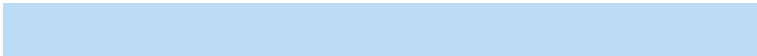
42.9203, -23.7454, 17.7578

Sweetspot

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



42.9203, -2.7639, -40.1079



82.4013, -8.6077, -11.4175



61.7335, -43.9620, 23.0044



37.3153, -4.1274, -6.5409



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.



42.9203, -2.7639, -40.1079



51.0791, 3.0510, -68.5589



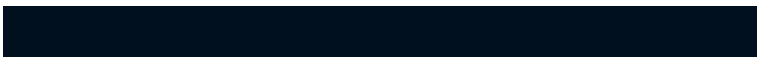
26.1076, 33.5740, -92.6604



31.7069, -2.3964, -0.4607



29.9816, 3.7264, -45.5186



6.9403, -0.9703, -6.5801

Inverse Universe

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



37.6880, 55.0059, -5.2943



46.8016, 81.1628, -2.1490



66.6418, -14.3652, 38.5123



31.0161, 1.7715, 0.6545



28.1729, 50.5821, 0.1033



5.6920, 10.4302, -1.6128

Previews

White Background



This preview shows how the HunterLab color 42.9196, -2.7645, -40.1089 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 42.9196, -2.7645, -40.1089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

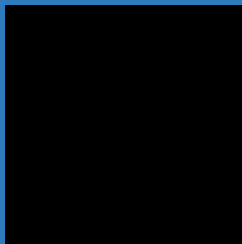
Any Text WCAG AA ✓ Pass

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 42.9196, -2.7645, -40.1089 Background



This preview shows how black text looks on a background with the HunterLab color 42.9196, -2.7645, -40.1089.

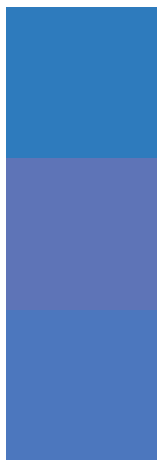


This preview shows how white text looks on a background with the HunterLab color 42.9196, -2.7645, -40.1089.

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

42.9196, -2.7645, -40.1089

Protanopia

42.7661, 6.1689, -35.6492

Deuteranopia

42.9510, 3.2642, -40.7237



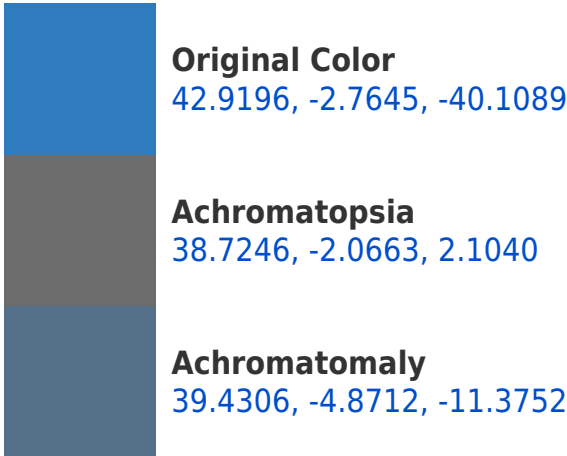
Tritanopia

42.6446, -20.2182, -9.6567

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9196, -2.7645, -40.1089 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(46, 123, 189)` looks like.

```
.text, #text, p{  
    color:rgb(46, 123, 189)  
}
```

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(46, 123, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 123, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9196, -2.7645, -40.1089 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(46, 123, 189) }
```


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

```
.border{ border-color:rgb(46, 123, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 123, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 123, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 123, 189);  
box-shadow:4px 4px 4px 4px rgb(46, 123,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9196, -2.7645, -40.1089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 123, 189) }
```

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

```
.background{ background-color: rgb(46, 123,  
189) }
```

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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