

Converting Colors

HunterLab(42.8584, -3.0834,
-16.5443)

Have a look what the booklet for
HunterLab(42.8584, -3.0834,
-16.5443) contains.

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Color

**HunterLab(42.8584, -3.0834,
-16.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	5D799B
RGB	93, 121, 155
RGB Percent	36%, 47%, 61%
CMY	0.6353, 0.5255, 0.3922
CMYK	0.40, 0.22, 0.00, 0.39
HSL	213°, 25%, 49%
HSV	213°, 40%, 61%
XYZ	17.2679, 18.3684, 33.6457
YIQ	116.5040, -27.6020, 4.6380

Conversions

Conversions Part 2

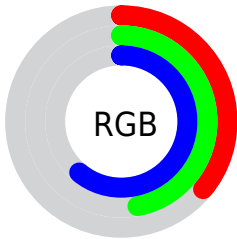
Format	Color
R_{YB}	93, 112, 155
Decimal	6125979
CIE Lab	49.94, -1.04, -21.52
CIE LCh	50, 21.548, 267.236
Yxy	18.3691, 0.2492, 0.2651
Android (android.graphics.Color)	4284316059 (0xFF5D799B)
YUV	116.5040, 18.9785, -20.6130
Hunter-Lab	42.8584, -3.0834, -16.5443

Details

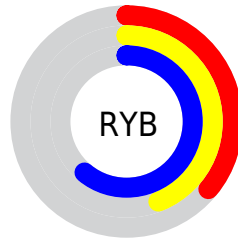
The HunterLab color $42.8584, -3.0834, -16.5443$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $47.8936, 2.2171, 16.7298$, and the grayscale version is $41.9228, -2.2369, 2.2777$.

A 20% lighter version of the original color is $63.6868, -4.2357, -17.5941$, and $25.0136, -2.1269, -15.6672$ is the 20% darker color. If you saturate the color by 10%, you get $39.5788, -2.2109, -22.1051$, and if you desaturate by 10%, it is $46.2811, -3.5514, -11.2712$.

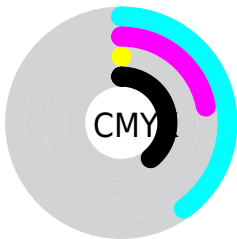
Distribution



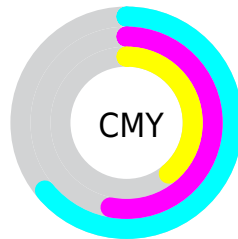
- Red (36%)
- Green (47%)
- Blue (61%)



- Red (36%)
- Yellow (44%)
- Blue (61%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8584, -3.0834, -16.5443 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 42.8584, -3.0834, -16.5443 by changing the saturation by 10% instead.

■ 42.8584, -3.0834,
-16.5443

■ 42.8584, -3.0834,
-16.5443

■ 155.8664, -9.5494,
-17.6668

■ 33.4893, -2.5200,
-16.1205

■ 63.7694, -4.3138,
-17.2001

■ 24.9236, -1.9933,
-15.6462

■ 75.2173, -4.9769,
-17.4332

■ 17.2462, -1.5059,
-15.1583

■ 87.2786, -5.6701,
-17.6059

■ 10.5752, -1.0604,
-14.7840

■ 99.9234, -6.3922,
-17.7213

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 113.1261, -7.1421,
-17.7824

0.0000, NaN, NaN

■ 126.8638, -7.9189,

0.0000, NaN, NaN

-17.7919

0.0000, NaN, NaN

141.1166, -8.7216,
-17.7526

■ 42.8584, -3.0834,
-16.5443

■ 42.8584, -3.0834,
-16.5443

■ 39.5788, -2.2109,
-22.1051

■ 46.2811, -3.5514,
-11.2712

■ 36.4580, -0.8691,
-27.9811

■ 49.8291, -3.6710,
-6.2584

■ 33.5177, 1.0089,
-34.1841

■ 53.4900, -3.4915,
-1.4741

■ 30.7810, 3.4855,
-40.7042

■ 57.2527, -3.0548,
3.1112

■ 28.2717, 6.6030,
-47.4976

■ 61.1078, -2.3956,
7.5243

■ 25.9755, 10.2519,
-54.5976

■ 65.0475, -1.5433,
11.7891

■ 25.9752, 10.2524,
-54.5986

■ 69.0647, -0.5222,
15.9265

■ 73.1537, 0.6472,
19.9546

■ 77.3093, 1.9479,
23.8891

Harmonies

Analogous

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



42.8592, -10.8770, -13.1168



42.8584, -3.0834, -16.5443



42.8592, 5.5453, -14.1446

Triad

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



42.8592, -3.0837, -16.5434



42.8592, 13.4287, 8.9264



42.8592, -15.3284, 10.0034

Complementary

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



42.8584, -3.0834, -16.5443



47.8936, 2.2171, 16.7298

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.



42.8592, -9.5984, 14.0960



42.8584, -3.0834, -16.5443



42.8592, 7.0331, 13.5658

Square

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



42.8592, -3.0837, -16.5434



42.8592, 15.5121, 1.5674



42.8592, -1.4888, 15.2597



42.8592, -17.5886, 3.0846

Rectangle

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



42.8584, -3.0834, -16.5443



42.8592, 10.5407, -9.7824



42.8592, -1.4888, 15.2597



42.8592, -13.7674, 11.6991

Sweetspot

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



42.8592, -3.0837, -16.5434



70.4748, -4.7579, -3.3794



52.2287, -23.0257, 9.3464



33.2504, -2.2818, -1.9659



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



42.8592, -3.0837, -16.5434



53.4225, -3.1110, -28.7716



35.5420, 10.9128, -29.6392



25.4220, -1.6384, -0.5238



23.4384, 8.8539, -48.4090



3.9169, -0.7686, -3.2365

Inverse Universe

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



40.2222, 22.2892, -1.4906



49.6836, 37.4125, -2.3746



55.6769, -11.4440, 23.0789



25.0335, 1.2485, 0.8029



24.4129, 43.2934, 4.2588



3.1032, 5.7209, -1.1469

Previews

White Background



This preview shows how the HunterLab color 42.8584, -3.0834, -16.5443 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 42.8584, -3.0834, -16.5443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

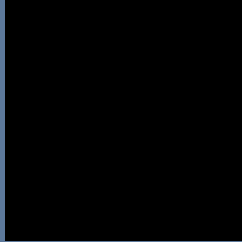
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

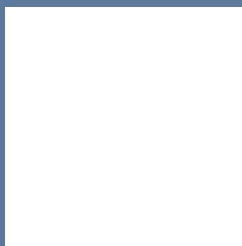
Any Text WCAG AAA × Fail

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

HunterLab 42.8584, -3.0834, -16.5443 Background



This preview shows how black text looks on a background with the HunterLab color 42.8584, -3.0834, -16.5443.



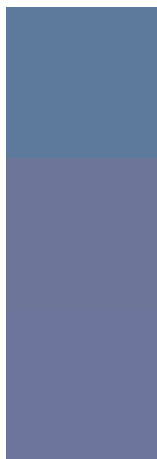
This preview shows how white text looks on a background with the HunterLab color 42.8584, -3.0834, -16.5443.

-16.5443.

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

42.8584, -3.0834, -16.5443

Protanopia

42.7092, 1.8905, -14.8879

Deuteranopia

42.9393, 2.9768, -16.9180



Tritanopia

43.0014, -9.9514, -5.2812

Trichromacy



Original Color

42.8584, -3.0834, -16.5443

Protanomaly

42.5915, 0.1554, -15.7052

Deuteranomaly

42.7788, 1.0294, -17.2141

Tritanomaly

43.0604, -7.7593, -8.8388

Monochromacy



Original Color

42.8584, -3.0834, -16.5443

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.1707, -2.8592, -4.2543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8584, -3.0834, -16.5443 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(93, 121, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 121, 155)  
}
```

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(93, 121, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 121, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8584, -3.0834, -16.5443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

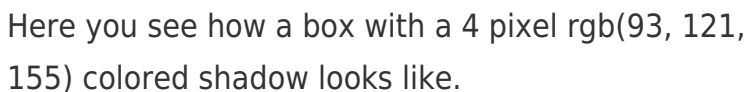
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 121, 155) }
```


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

```
.border{ border-color:rgb(93, 121, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 121, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 121, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 121, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 121,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8584, -3.0834, -16.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 121, 155) }
```

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

```
.background{ background-color: rgb(93, 121,  
155) }
```

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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