

Converting Colors

HunterLab(42.5869, -5.6397,
-16.4144)

Have a look what the booklet for
HunterLab(42.5869, -5.6397,
-16.4144) contains.

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Color

**HunterLab(42.5875, -5.5868,
-16.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	547A9A
RGB	84, 122, 154
RGB Percent	33%, 48%, 60%
CMY	0.6706, 0.5216, 0.3961
CMYK	0.45, 0.21, 0.00, 0.40
HSL	207°, 29%, 47%
HSV	207°, 45%, 60%
XYZ	16.4484, 18.1370, 33.2056
YIQ	114.2860, -32.9200, 1.8960

Conversions

Conversions Part 2

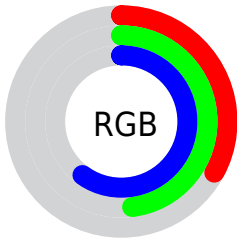
Format	Color
R_{YB}	84, 109, 154
Decimal	5536410
CIE _{Lab}	49.66, -4.39, -21.41
CIE _{LCh}	50, 21.856, 258.406
Yxy	18.1376, 0.2426, 0.2675
Android (android.graphics.Color)	4283726490 (0xFF547A9A)
YUV	114.2860, 19.5790, -26.5608
Hunter-Lab	42.5875, -5.5868, -16.4174

Details

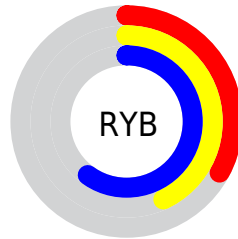
The HunterLab color $42.5875, -5.5868, -16.4174$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $44.7229, 6.2394, 16.5470$, and the grayscale version is $41.0676, -2.1913, 2.2313$.

A 20% lighter version of the original color is $63.3597, -7.0985, -16.9238$, and $24.8357, -4.2057, -15.4035$ is the 20% darker color. If you saturate the color by 10%, you get $39.7953, -5.1169, -21.1165$, and if you desaturate by 10%, it is $45.5193, -5.6292, -11.8706$.

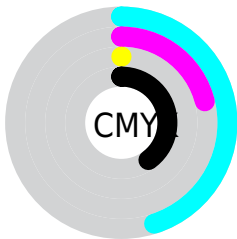
Distribution



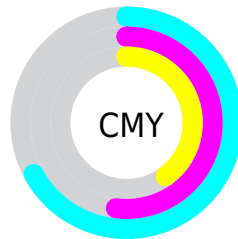
- Red (33%)
- Green (48%)
- Blue (60%)



- Red (33%)
- Yellow (43%)
- Blue (60%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5875, -5.5868, -16.4174 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 42.5875, -5.5868, -16.4174 by changing the saturation by 10% instead.

■ 42.5875, -5.5868,
-16.4174

■ 42.5875, -5.5868,
-16.4174

■ 155.4496,
-13.4488, -17.5226

■ 33.2398, -4.8165,
-15.9950

■ 63.4600, -7.1865,
-17.0700

■ 24.6976, -4.0625,
-15.5219

■ 74.8904, -8.0176,
-17.3013

■ 17.0464, -3.3196,
-15.0354

■ 86.9351, -8.8699,
-17.4721

■ 10.4055, -2.5766,
-14.6653

■ 99.5641, -9.7436,
-17.5855

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.7515,
-10.6386, -17.6445

0.0000, NaN, NaN

126.4746,

0.0000, NaN, NaN

-11.5546, -17.6520

0.0000, NaN, NaN

140.7133,
-12.4914, -17.6105

■ 42.5875, -5.5868,
-16.4174

■ 42.5875, -5.5868,
-16.4174

■ 39.7953, -5.1169,
-21.1165

■ 45.5193, -5.6292,
-11.8706

■ 37.1540, -4.1678,
-25.9655

■ 48.5757, -5.2934,
-7.4759

■ 34.6784, -2.6922,
-30.9478

■ 51.7461, -4.6253,
-3.2244

■ 32.3816, -0.6547,
-36.0350

■ 55.0202, -3.6660,
0.8943

■ 30.2700, 1.9436,
-41.1956

■ 58.3891, -2.4511,
4.8923

■ 29.3462, 3.2182,
-43.6275

■ 61.8449, -1.0116,
8.7816

■ 65.3807, 0.6261,
12.5741

■ 68.9904, 2.4392,
16.2808

■ 72.6689, 4.4085,
19.9118

Harmonies

Analogous

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



42.5883, -12.8272, -11.3927



42.5875, -5.5868, -16.4174



42.5883, 3.1406, -15.7276

Triad

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



42.5883, -5.5870, -16.4166



42.5883, 14.8006, 7.0458



42.5883, -14.0844, 11.5922

Complementary

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



42.5875, -5.5868, -16.4174



44.7229, 6.2394, 16.5470

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.



42.5883, -7.4322, 14.8286



42.5875, -5.5868, -16.4174



42.5883, 9.4171, 12.5903

Square

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



42.5883, -5.5870, -16.4166



42.5883, 15.3948, -1.0079



42.5883, 1.1421, 15.1529



42.5883, -17.4633, 5.3959

Rectangle

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



42.5875, -5.5868, -16.4174



42.5883, 8.6311, -12.1431



42.5883, 1.1421, 15.1529



42.5883, -12.1827, 13.0039

Sweetspot

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



42.5883, -5.5870, -16.4166



70.2536, -6.1018, -3.6863



51.2306, -25.7678, 12.1700



33.0048, -3.0101, -2.2968



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.



42.5883, -5.5870, -16.4166



53.3983, -6.8338, -28.8798



33.3409, 10.9220, -33.6305



25.6007, -1.9325, -0.3059



26.6243, 2.6576, -39.0151



4.2269, -1.2245, -2.6399

Inverse Universe

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



38.2314, 26.5209, -4.5330



47.0433, 44.7467, -7.0217



54.2983, -9.8348, 24.1269



25.0518, 1.3473, 0.5412



24.7404, 44.4855, -0.4218



3.1440, 5.8666, -1.7082

Previews

White Background



This preview shows how the HunterLab color 42.5875, -5.5868, -16.4174 looks on a white background.

Color Contrast Check

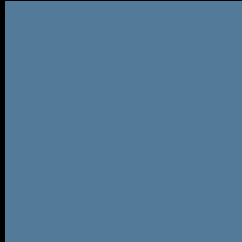
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5875, -5.5868, -16.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

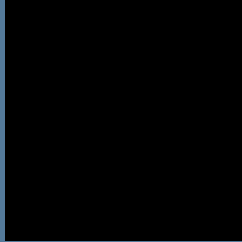
Any Text WCAG AA ✓ Pass

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 42.5875, -5.5868, -16.4174 Background



This preview shows how black text looks on a background with the HunterLab color 42.5875, -5.5868, -16.4174.

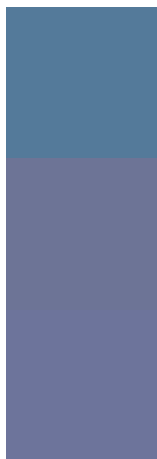


This preview shows how white text looks on a background with the HunterLab color 42.5875, -5.5868, -16.4174.

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

42.5875, -5.5868, -16.4174

Protanopia

42.3604, 1.9591, -14.2494

Deuteranopia

42.5541, 2.9991, -16.9320



Tritanopia

42.5191, -11.7255, -5.9679

Trichromacy



Original Color

42.5875, -5.5868, -16.4174

Protanomaly

42.3091, -0.9690, -14.9754

Deuteranomaly

42.4650, -0.1211, -17.1323

Tritanomaly

42.5648, -9.5568, -9.5859

Monochromacy



Original Color

42.5875, -5.5868, -16.4174

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.4622, -4.0330, -4.2208

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5875, -5.5868, -16.4174 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(84, 122, 154)` looks like.

```
.text, #text, p{  
    color:rgb(84, 122, 154)  
}
```

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(84, 122, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 122, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5875, -5.5868, -16.4174 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(84, 122, 154) }
```


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

```
.border{ border-color:rgb(84, 122, 154) }
```

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

Here you see how a box with a 4 pixel rgb(84, 122, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 122, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 122, 154);  
box-shadow:4px 4px 4px 4px rgb(84, 122,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5875, -5.5868, -16.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 122, 154) }
```

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

```
.background{ background-color: rgb(84, 122,  
154) }
```

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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