

Converting Colors

HunterLab(38.2963, -0.3602,
-26.5587)

Have a look what the booklet for
HunterLab(38.2963, -0.3602,
-26.5587) contains.

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Color

**HunterLab(38.2233, -0.1960,
-26.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	496C9E
RGB	73, 108, 158
RGB Percent	29%, 42%, 62%
CMY	0.7137, 0.5765, 0.3804
CMYK	0.54, 0.32, 0.00, 0.38
HSL	215°, 37%, 45%
HSV	215°, 54%, 62%
XYZ	14.2818, 14.6102, 34.4150
YIQ	103.2350, -36.9100, 8.1300

Conversions

Conversions Part 2

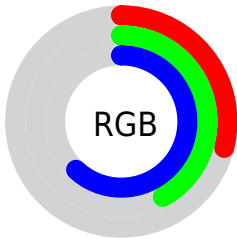
Format	Color
R_{YB}	73, 98, 158
Decimal	4811934
CIE _{Lab}	45.10, 2.47, -30.90
CIE _{LCh}	45, 30.997, 274.580
Yxy	14.6107, 0.2256, 0.2308
Android (android.graphics.Color)	4283002014 (0xFF496C9E)
YUV	103.2350, 26.9991, -26.5161
Hunter-Lab	38.2233, -0.1960, -26.6265

Details

The HunterLab color $38.2233, -0.1960, -26.6265$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $46.8155, 3.4299, 20.9237$, and the grayscale version is $36.8293, -1.9651, 2.0010$.

A 20% lighter version of the original color is $58.4058, -0.8641, -27.9295$, and $21.0775, 0.3381, -25.3626$ is the 20% darker color. If you saturate the color by 10%, you get $34.9468, 1.6927, -33.3171$, and if you desaturate by 10%, it is $41.6827, -1.5644, -20.3549$.

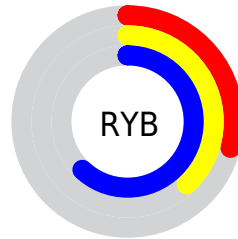
Distribution



Red (29%)

Green (42%)

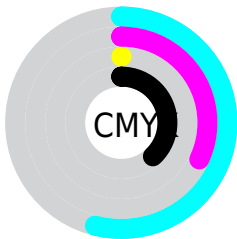
Blue (62%)



Red (29%)

Yellow (38%)

Blue (62%)

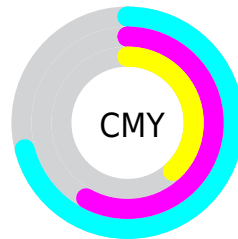


Cyan (54%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (71%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2233, -0.1960, -26.6265 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 38.2233, -0.1960, -26.6265 by changing the saturation by 10% instead.

■ 38.2233, -0.1960,
-26.6265

■ 38.2233, -0.1960,
-26.6265

■ 148.6599, -5.0537,
-30.2662

■ 29.2346, 0.1295,
-26.0455

■ 58.4541, -1.0006,
-27.7709

■ 21.0871, 0.3944,
-25.5559

■ 69.5928, -1.4703,
-28.2848

■ 13.8796, 0.5874,
-25.3787

■ 81.3610, -1.9802,
-28.7475

■ 7.5113, 1.0346,
-27.4478

■ 93.7266, -2.5277,
-29.1566

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.6620, -3.1105,
-29.5119

0.0000, NaN, NaN

120.1431, -3.7269,

0.0000, NaN, NaN

-29.8142

0.0000, NaN, NaN

134.1488, -4.3751,
-30.0651

■ 38.2233, -0.1960,
-26.6265

■ 38.2233, -0.1960,
-26.6265

■ 34.9468, 1.6927,
-33.3171

■ 41.6827, -1.5644,
-20.3549

■ 31.8780, 4.1786,
-40.4479

■ 45.3002, -2.4874,
-14.4676

■ 29.0479, 7.3284,
-47.9985

■ 49.0576, -3.0316,
-8.9191

■ 26.4878, 11.1725,
-55.8900

■ 52.9391, -3.2541,
-3.6648

■ 25.0116, 13.7884,
-61.0275

■ 56.9317, -3.2027,
1.3370

■ 61.0244, -2.9172,
6.1233

■ 65.2082, -2.4302,
10.7263

■ 69.4753, -1.7689,
15.1737

■ 73.8192, -0.9556,
19.4891

Harmonies

Analogous

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



38.2240, -11.3831, -23.2864



38.2233, -0.1960, -26.6265



38.2240, 11.8427, -20.5510

Triad

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



38.2240, -0.1959, -26.6256



38.2240, 18.6987, 12.4942



38.2240, -20.6033, 10.3000

Complementary

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



38.2233, -0.1960, -26.6265



46.8155, 3.4299, 20.9237

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.



38.2240, -14.1894, 16.0216



38.2233, -0.1960, -26.6265



38.2240, 8.2932, 16.9896

Square

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



38.2240, -0.1959, -26.6256



38.2240, 23.5679, 3.7794



38.2240, -3.8529, 18.0483



38.2240, -22.2946, 0.3001

Rectangle

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



38.2233, -0.1960, -26.6265



38.2240, 18.4671, -12.8202



38.2240, -3.8529, 18.0483



38.2240, -18.9702, 12.6751

Sweetspot

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



38.2240, -0.1959, -26.6256



70.0084, -4.3468, -6.6870



52.2400, -28.1246, 10.5841



32.7602, -2.0422, -3.8177



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



38.2240, -0.1959, -26.6256



46.0427, 3.0313, -47.2206



29.9057, 18.5143, -45.3801



26.1944, -1.5609, -0.6512



22.5485, 11.9674, -54.0178



4.1486, -0.5153, -4.0729

Inverse Universe

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



36.2181, 31.1973, -0.3622



44.0688, 51.7300, 0.7825



56.1306, -14.9838, 27.6662



25.8634, 1.2604, 0.9449



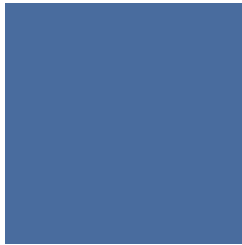
24.7699, 43.6856, 6.1893



3.4337, 6.2823, -0.8979

Previews

White Background



This preview shows how the HunterLab color 38.2233, -0.1960, -26.6265 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 38.2233, -0.1960, -26.6265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

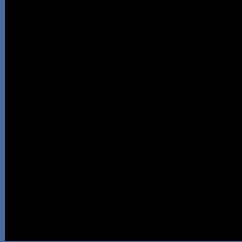
Any Text WCAG AA × Fail

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 38.2233, -0.1960, -26.6265 Background



This preview shows how black text looks on a background with the HunterLab color 38.2233, -0.1960, -26.6265.



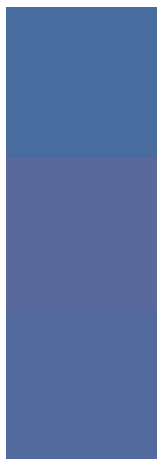
This preview shows how white text looks on a background with the HunterLab color 38.2233, -0.1960, -26.6265.

-26.6265.

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

38.2233, -0.1960, -26.6265

Protanopia

38.2667, 3.8631, -24.3998

Deuteranopia

38.2757, 2.8742, -27.1738



Tritanopia

38.3521, -12.6926, -6.0691

Trichromacy



Original Color

38.2233, -0.1960, -26.6265

Protanomaly

38.2010, 2.3545, -25.2354

Deuteranomaly

38.3156, 1.6173, -27.1182

Tritanomaly

38.0654, -8.3823, -12.9711

Monochromacy



Original Color

38.2233, -0.1960, -26.6265

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.1598, -2.3893, -7.0428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2233, -0.1960, -26.6265 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(73, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(73, 108, 158)  
}
```

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(73, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 108, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2233, -0.1960, -26.6265 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(73, 108, 158) }
```


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

```
.border{ border-color:rgb(73, 108, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 108, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(73, 108,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2233, -0.1960, -26.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 108, 158) }
```

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

```
.background{ background-color: rgb(73, 108,  
158) }
```

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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