

Converting Colors

HunterLab(38.0065, -1.5883,
-20.3826)

Have a look what the booklet for
HunterLab(38.0065, -1.5883,
-20.3826) contains.

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Color

**HunterLab(38.0565, -1.6380,
-20.2275)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6C94
RGB	78, 108, 148
RGB Percent	31%, 42%, 58%
CMY	0.6941, 0.5765, 0.4196
CMYK	0.47, 0.27, 0.00, 0.42
HSL	214°, 31%, 44%
HSV	214°, 47%, 58%
XYZ	13.8498, 14.4830, 30.0826
YIQ	103.5900, -30.7200, 6.0800

Conversions

Conversions Part 2

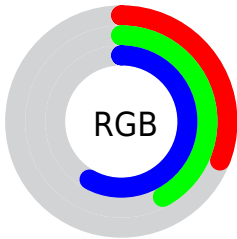
Format	Color
R_{YB}	78, 99, 148
Decimal	5139604
CIE Lab	44.92, 0.53, -25.23
CIE LCh	45, 25.235, 271.212
Yxy	14.4835, 0.2371, 0.2479
Android (android.graphics.Color)	4283329684 (0xFF4E6C94)
YUV	103.5900, 21.8941, -22.4424
Hunter-Lab	38.0565, -1.6380, -20.2275

Details

The HunterLab color $[38.0565, -1.6380, -20.2275]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[44.5010, 2.6141, 17.8633]$, and the grayscale version is $[36.9804, -1.9732, 2.0092]$.

A 20% lighter version of the original color is $[58.2115, -2.4609, -21.0857]$, and $[20.9636, -0.8981, -19.0832]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.9698, -0.3430, -25.9602]$, and if you desaturate by 10%, it is $[41.2940, -2.5049, -14.8260]$.

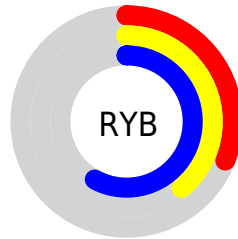
Distribution



Red (31%)

Green (42%)

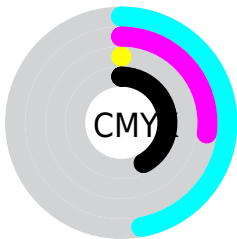
Blue (58%)



Red (31%)

Yellow (39%)

Blue (58%)

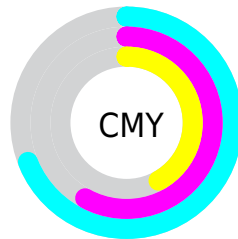


Cyan (47%)

Magenta (27%)

Yellow (0%)

Black (42%)



Cyan (69%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0565, -1.6380, -20.2275 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 38.0565, -1.6380, -20.2275 by changing the saturation by 10% instead.

■ 38.0565, -1.6380,
-20.2275

■ 38.0565, -1.6380,
-20.2275

■ 148.3976, -7.3058,
-22.5785

■ 29.0821, -1.1924,
-19.7010

■ 58.2619, -2.6573,
-21.1464

■ 20.9504, -0.7953,
-19.1777

■ 69.3891, -3.2244,
-21.5203

■ 13.7607, -0.4533,
-18.7756

■ 81.1464, -3.8267,
-21.8347

■ 7.3791, -0.0789,
-20.0200

■ 93.5016, -4.4621,
-22.0910

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.4271, -5.1290,
-22.2911

0.0000, NaN, NaN

119.8987, -5.8261,

0.0000, NaN, NaN

-22.4375

0.0000, NaN, NaN

133.8952, -6.5520,
-22.5326

■ 38.0565, -1.6380,
-20.2275

■ 38.0565, -1.6380,
-20.2275

■ 34.9698, -0.3430,
-25.9602

■ 41.2940, -2.5049,
-14.8260

■ 32.0523, 1.4473,
-32.0503

■ 44.6627, -3.0047,
-9.7248

■ 29.3285, 3.7986,
-38.5008

■ 48.1485, -3.1912,
-4.8875

■ 26.8241, 6.7624,
-45.2802

■ 51.7392, -3.1099,
-0.2792

■ 24.5505, 10.3101,
-52.3541

■ 55.4244, -2.7988,
4.1319

■ 23.9600, 11.3124,
-54.3680

■ 59.1955, -2.2897,
8.3738

■ 63.0450, -1.6089,
12.4713

■ 66.9668, -0.7784,
16.4455

■ 70.9555, 0.1836,
20.3145

Harmonies

Analogous

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



38.0572, -10.5890, -16.9460



38.0565, -1.6380, -20.2275



38.0572, 8.1026, -16.3994

Triad

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



38.0572, -1.6381, -20.2267



38.0572, 15.2332, 10.1532



38.0572, -17.0122, 9.6509

Complementary

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



38.0565, -1.6380, -20.2275



44.5010, 2.6141, 17.8633

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.



38.0572, -11.2071, 14.3180



38.0565, -1.6380, -20.2275



38.0572, 7.3535, 14.5530

Square

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



38.0572, -1.6381, -20.2267



38.0572, 18.4246, 2.4443



38.0572, -2.4257, 15.8640



38.0572, -18.9134, 1.6951

Rectangle

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



38.0565, -1.6380, -20.2275



38.0572, 13.5920, -10.7754



38.0572, -2.4257, 15.8640



38.0572, -15.4833, 11.5791

Sweetspot

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



38.0572, -1.6381, -20.2267



65.3810, -4.2413, -4.6159



49.0918, -24.1614, 9.2516



30.7909, -2.0274, -2.7920



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



38.0572, -1.6381, -20.2267



46.1153, -0.2818, -35.1464



30.6780, 13.8558, -35.0017



24.5301, -1.5109, -0.5487



22.2613, 10.1989, -49.8413



3.4242, -0.6057, -2.9723

Inverse Universe

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



35.8161, 25.2576, -0.9747



43.3164, 41.8199, -0.9836



52.5354, -12.5972, 24.0164



24.1954, 1.1686, 0.8423



23.8613, 42.1872, 5.1559



2.7459, 5.0513, -0.9300

Previews

White Background



This preview shows how the HunterLab color 38.0565, -1.6380, -20.2275 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 38.0565, -1.6380, -20.2275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

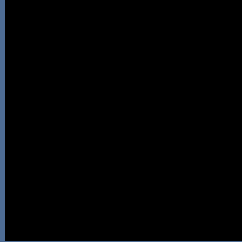
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

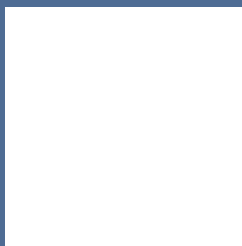
Any Text WCAG AAA × Fail

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

HunterLab 38.0565, -1.6380, -20.2275 Background



This preview shows how black text looks on a background with the HunterLab color 38.0565, -1.6380, -20.2275.



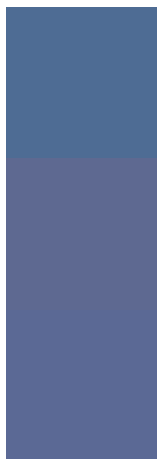
This preview shows how white text looks on a background with the HunterLab color 38.0565, -1.6380,

-20.2275.

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

38.0565, -1.6380, -20.2275

Protanopia

38.1145, 2.5111, -18.1409

Deuteranopia

38.0752, 2.7088, -20.7673



Tritanopia

38.1018, -10.7238, -5.3609

Trichromacy



Original Color

38.0565, -1.6380, -20.2275

Protanomaly

38.0238, 0.9024, -18.9575

Deuteranomaly

38.0216, 1.1438, -20.8902

Tritanomaly

37.9790, -7.5782, -10.2518

Monochromacy



Original Color

38.0565, -1.6380, -20.2275

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.2721, -2.1966, -5.3378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0565, -1.6380, -20.2275 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(78, 108, 148)` looks like.

```
.text, #text, p{  
    color:rgb(78, 108, 148)  
}
```

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(78, 108, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 108, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0565, -1.6380, -20.2275 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(78, 108, 148) }
```


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

```
.border{ border-color:rgb(78, 108, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 108, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 108, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 108, 148);  
box-shadow:4px 4px 4px 4px rgb(78, 108,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0565, -1.6380, -20.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 108, 148) }
```

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

```
.background{ background-color: rgb(78, 108,  
148) }
```

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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