

Converting Colors

HunterLab(38.0391, -1.2593,
-20.2517)

Have a look what the booklet for
HunterLab(38.0391, -1.2593,
-20.2517) contains.

| | |
|--|----|
| HunterLab(38.1123, -1.4443, -20.1256) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(38.1123, -1.4443,
-20.1256)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4F6C94 |
| RGB | 79, 108, 148 |
| RGB Percent | 31%, 42%, 58% |
| CMY | 0.6902, 0.5765, 0.4196 |
| CMYK | 0.47, 0.27, 0.00, 0.42 |
| HSL | 215°, 30%, 45% |
| HSV | 215°, 47%, 58% |
| XYZ | 13.9323, 14.5255, 30.0863 |
| YIQ | 103.8890, -30.1240, 6.2920 |

Conversions

Conversions Part 2

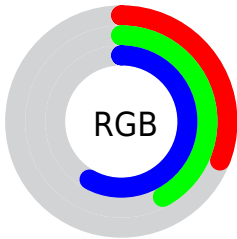
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 79, 99, 148 |
| Decimal | 5205140 |
| CIE _{Lab} | 44.98, 0.80, -25.13 |
| CIE _{LCh} | 45, 25.145, 271.820 |
| Yxy | 14.5260, 0.2380, 0.2481 |
| Android (android.graphics.Color) | 4283395220 (0xFF4F6C94) |
| YUV | 103.8890, 21.7467, -21.8277 |
| Hunter-Lab | 38.1123, -1.4443, -20.1256 |

Details

The HunterLab color $[38.1123, -1.4443, -20.1256]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[44.7824, 2.2317, 17.8395]$, and the grayscale version is $[37.0937, -1.9792, 2.0154]$.

A 20% lighter version of the original color is $[58.2115, -2.4609, -21.0857]$, and $[21.0242, -0.6884, -18.9501]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.9840, -0.1223, -25.9280]$, and if you desaturate by 10%, it is $[41.3917, -2.3410, -14.6678]$.

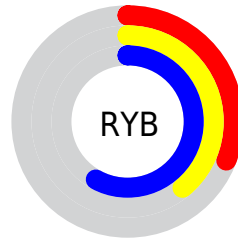
Distribution



Red (31%)

Green (42%)

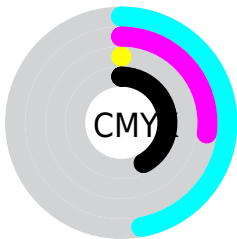
Blue (58%)



Red (31%)

Yellow (39%)

Blue (58%)

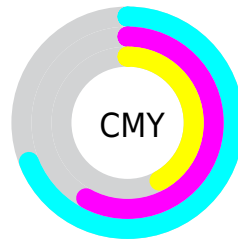


Cyan (47%)

Magenta (27%)

Yellow (0%)

Black (42%)



Cyan (69%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1123, -1.4443, -20.1256 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 38.1123, -1.4443, -20.1256 by changing the saturation by 10% instead.

■ 38.1123, -1.4443,
-20.1256

■ 38.1123, -1.4443,
-20.1256

■ 148.4854, -7.0021,
-22.4494

■ 29.1332, -1.0151,
-19.6008

■ 58.3262, -2.4344,
-21.0391

■ 20.9962, -0.6360,
-19.0776

■ 69.4573, -2.9883,
-21.4100

■ 13.8005, -0.3144,
-18.6717

■ 81.2182, -3.5780,
-21.7213

■ 7.4236, 0.0723,
-19.8444

■ 93.5769, -4.2015,
-21.9744

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.5057, -4.8570,
-22.1713

0.0000, NaN, NaN

119.9805, -5.5432,

0.0000, NaN, NaN

-22.3146

0.0000, NaN, NaN

133.9801, -6.2586,
-22.4065

■ 38.1123, -1.4443,
-20.1256

■ 38.1123, -1.4443,
-20.1256

■ 34.9840, -0.1223,
-25.9280

■ 41.3917, -2.3410,
-14.6678

■ 32.0256, 1.6934,
-32.1055

■ 44.8022, -2.8742,
-9.5206

■ 29.2622, 4.0706,
-38.6648

■ 48.3297, -3.0977,
-4.6446

■ 26.7209, 7.0636,
-45.5773

■ 51.9619, -3.0571,
-0.0032

■ 24.4189, 10.6598,
-52.7934

■ 55.6885, -2.7902,
4.4370

■ 23.6758, 11.9382,
-55.3639

■ 59.5007, -2.3286,
8.7053

■ 63.3912, -1.6983,
12.8270

■ 67.3538, -0.9210,
16.8241

■ 71.3831, -0.0148,
20.7149

Harmonies

Analogous

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



38.1130, -10.4097, -16.9982



38.1123, -1.4443, -20.1256



38.1130, 8.2512, -16.1813

Triad

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



38.1130, -1.4444, -20.1248



38.1130, 15.0502, 10.2583



38.1130, -17.0536, 9.5054

Complementary

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



38.1123, -1.4443, -20.1256



44.7824, 2.2317, 17.8395

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.



38.1130, -11.3354, 14.2334



38.1123, -1.4443, -20.1256



38.1130, 7.1303, 14.5860

Square

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



38.1130, -1.4444, -20.1248



38.1130, 18.3436, 2.6311



38.1130, -2.6233, 15.8378



38.1130, -18.8675, 1.5096

Rectangle

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



38.1123, -1.4443, -20.1256



38.1130, 13.6772, -10.5308



38.1130, -2.6233, 15.8378



38.1130, -15.5544, 11.4533

Sweetspot

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



38.1130, -1.4444, -20.1248



65.3146, -4.1316, -4.7006



49.1455, -23.9297, 9.1486



30.7548, -1.9678, -2.8387



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.



38.1130, -1.4444, -20.1248



46.2685, -0.0585, -34.8378



30.9792, 13.5598, -34.2945



24.5146, -1.4852, -0.5677



21.9992, 10.7726, -50.7521



3.3973, -0.5642, -3.0283

Inverse Universe

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



36.0154, 24.7767, -0.7303



43.6601, 40.9483, -0.6609



52.5547, -12.4985, 23.8194



24.1938, 1.1600, 0.8649



23.8368, 42.0973, 5.5103



2.7425, 5.0392, -0.8832

Previews

White Background



This preview shows how the HunterLab color 38.1123, -1.4443, -20.1256 looks on a white background.

Color Contrast Check

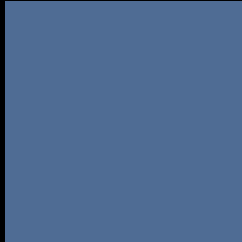
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.1123, -1.4443, -20.1256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

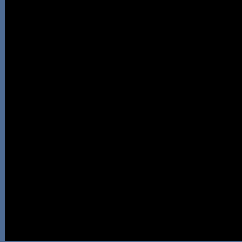
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

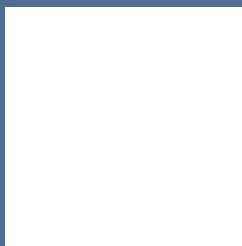
Any Text WCAG AAA × Fail

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

HunterLab 38.1123, -1.4443, -20.1256 Background



This preview shows how black text looks on a background with the HunterLab color 38.1123, -1.4443, -20.1256.

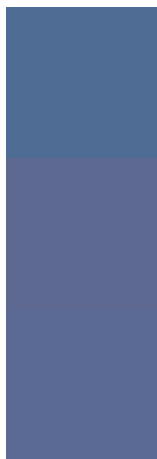


This preview shows how white text looks on a background with the HunterLab color 38.1123, -1.4443, -20.1256.

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

38.1123, -1.4443, -20.1256

Protanopia

38.1145, 2.5111, -18.1409

Deuteranopia

38.0752, 2.7088, -20.7673



Tritanopia

38.1510, -10.5417, -5.2905

Trichromacy



Original Color

38.1123, -1.4443, -20.1256

Protanomaly

38.0884, 1.1219, -18.8420

Deuteranomaly

38.0844, 1.3569, -20.7746

Tritanomaly

38.0308, -7.3905, -10.1710

Monochromacy



Original Color

38.1123, -1.4443, -20.1256

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 38.1123, -1.4443, -20.1256 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(79, 108, 148)` looks like.

```
.text, #text, p{  
    color:rgb(79, 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(79, 108, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 108, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1123, -1.4443, -20.1256 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(79, 108, 148) }
```


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

```
.border{ border-color:rgb(79, 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(79, 108, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 108, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 108, 148);  
box-shadow:4px 4px 4px 4px rgb(79, 108,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1123, -1.4443, -20.1256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 108, 148) }
```

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

```
.background{ background-color: rgb(79, 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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