

Converting Colors

HunterLab(38.0617, -12.3995,
5.0816)

Have a look what the booklet for
HunterLab(38.0617, -12.3995,
5.0816) contains.

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Color

**HunterLab(38.0019,
-12.4718, 5.1699)**

Conversions

Conversions Part 1

Format	Color
Hex	517162
RGB	81, 113, 98
RGB Percent	32%, 44%, 38%
CMY	0.6823, 0.5569, 0.6157
CMYK	0.28, 0.00, 0.13, 0.56
HSL	152°, 16%, 38%
HSV	152°, 28%, 44%
XYZ	11.5031, 14.4414, 13.7365
YIQ	101.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

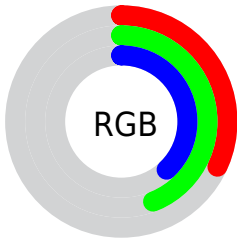
Format	Color
R_{YB}	81, 102, 113
Decimal	5337442
CIE _{Lab}	44.86, -15.00, 4.62
CIE _{LCh}	45, 15.701, 162.876
Yxy	14.4420, 0.2899, 0.3639
Android (android.graphics.Color)	4283527522 (0xFF517162)
YUV	101.7220, -1.8349, -18.1732
Hunter-Lab	38.0019, -12.4718, 5.1699

Details

The HunterLab color **38.0019, -12.4718, 5.1699** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32.0007, 10.1778, -0.6077**, and the grayscale version is **36.3576, -1.9400, 1.9754**.

A 20% lighter version of the original color is **58.2284, -15.3296, 6.6596**, and **20.9424, -9.3466, 3.5433** is the 20% darker color. If you saturate the color by 10%, you get **37.2651, -15.5303, 6.3234**, and if you desaturate by 10%, it is **38.8419, -9.0934, 4.0677**.

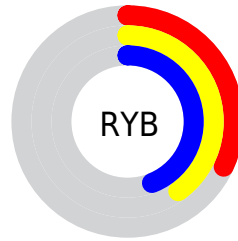
Distribution



Red (32%)

Green (44%)

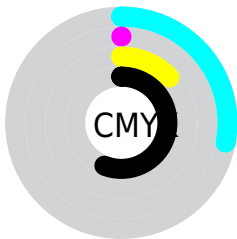
Blue (38%)



Red (32%)

Yellow (40%)

Blue (44%)

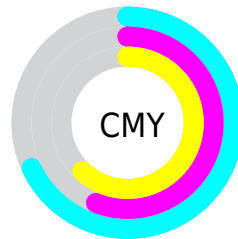


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (56%)



Cyan (68%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0019, -12.4718, 5.1699 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 38.0019, -12.4718, 5.1699 by changing the saturation by 10% instead.

■ 38.0019, -12.4718,
5.1699

■ 38.0019, -12.4718,
5.1699

148.3117,
-24.9411, 13.0880

■ 29.0323, -10.9879,
4.3910

■ 58.1991, -15.3197,
6.7829

■ 20.9057, -9.4313,
3.6243

■ 69.3225, -16.7092,
7.6196

■ 13.7219, -7.7558,
2.8611

■ 81.0762, -18.0868,
8.4775

■ 7.3353, -9.3051,
3.0117

■ 93.4280, -19.4578,
9.3569

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3503,
-20.8261, 10.2577

0.0000, NaN, NaN

119.8188,

0.0000, NaN, NaN

-22.1947, 11.1800

0.0000, NaN, NaN

133.8123,
-23.5657, 12.1235

■ 38.0019, -12.4718,
5.1699

■ 38.0019, -12.4718,
5.1699

■ 37.2651, -15.5303,
6.3234

■ 38.8419, -9.0934,
4.0677

■ 36.6295, -18.2422,
7.5153

■ 39.7813, -5.4223,
3.0248

■ 36.0949, -20.5896,
8.7329

■ 40.8184, -1.4906,
2.0488

■ 35.6587, -22.5622,
9.9615

■ 41.9503, 2.6696,
1.1449

■ 35.3168, -24.1603,
11.1854

■ 43.1733, 7.0271,
0.3165

■ 35.0625, -25.3967,
12.3882

■ 44.4834, 11.5523,
-0.4352

■ 34.8699, -26.3701,
13.5376

■ 45.8765, 16.2181,
-1.1099

■ 34.8387, -26.5279,
13.7208

■ 47.3484, 21.0002,
-1.7089

■ 48.8948, 25.8772,
-2.2343

Harmonies

Analogous

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



38.0027, -9.5902, 9.2863



38.0019, -12.4718, 5.1699



38.0027, -12.6696, -0.4682

Triad

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



38.0027, -12.4724, 5.1704



38.0027, 0.5845, -10.3091



38.0027, 6.8314, 8.8247

Complementary

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



38.0019, -12.4718, 5.1699



32.0007, 10.1778, -0.6077

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.



38.0027, 9.9270, 4.4417



38.0019, -12.4718, 5.1699



38.0027, 6.1722, -6.9190

Square

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



38.0027, -12.4724, 5.1704



38.0027, -5.3787, -10.0323



38.0027, 9.6785, -1.3189



38.0027, 1.4393, 11.1597

Rectangle

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



38.0019, -12.4718, 5.1699



38.0027, -11.2718, -4.4079



38.0027, 9.6785, -1.3189



38.0027, 8.1897, 7.5740

Sweetspot

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



38.0027, -12.4724, 5.1704



53.2466, -7.2022, 4.0333



38.6228, -10.9104, 11.6577



25.5281, -3.7650, 2.0202



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



38.0027, -12.4724, 5.1704



50.1869, -19.4369, 7.9288



38.2542, -9.9231, -0.8165



19.4681, -2.7834, 1.5162



37.0989, -28.2866, 14.6923



82.6954, -63.7904, 34.3430

Inverse Universe

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



32.0007, 10.1778, -0.6077



40.4165, 17.5527, -1.4129



31.7326, 7.9077, 5.1466



18.5071, 0.8252, 0.5817



20.6632, 36.7768, 2.5735



45.9322, 81.4031, 8.4189

Previews

White Background



This preview shows how the HunterLab color 38.0019, -12.4718, 5.1699 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 38.0019, -12.4718, 5.1699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

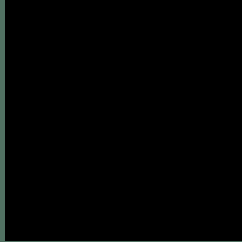
Any Text WCAG AA × Fail

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 38.0019, -12.4718, 5.1699 Background



This preview shows how black text looks on a background with the HunterLab color 38.0019, -12.4718, 5.1699.



This preview shows how white text looks on a background with the HunterLab color 38.0019,

-12.4718, 5.1699.

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

38.0019, -12.4718, 5.1699

Protanopia

37.7178, -2.1059, 6.5583

Deuteranopia

37.7815, 2.4961, 4.4042



Tritanopia

37.9672, -6.9600, -3.9811

Trichromacy



Original Color

38.0019, -12.4718, 5.1699

Protanomaly

37.6882, -6.4023, 6.0793

Deuteranomaly

37.6990, -3.3222, 4.6068

Tritanomaly

37.9492, -8.9801, -0.2692

Monochromacy



Original Color

38.0019, -12.4718, 5.1699

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.9152, -6.0009, 2.8676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0019, -12.4718, 5.1699 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(81, 113, 98)` looks like.

```
.text, #text, p{  
    color:rgb(81, 113, 98)  
}
```

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(81, 113, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 113, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0019, -12.4718, 5.1699 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(81, 113, 98) }
```


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

```
.border{ border-color:rgb(81, 113, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 113, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 113, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 113, 98);  
box-shadow:4px 4px 4px 4px rgb(81, 113,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0019, -12.4718, 5.1699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 113, 98) }
```

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

```
.background{ background-color: rgb(81, 113,  
98) }
```

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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