

Converting Colors

HunterLab(38.2517, 0.4281,
-19.8386)

Have a look what the booklet for
HunterLab(38.2517, 0.4281,
-19.8386) contains.

HunterLab(38.2517, 0.4466, -19.8478)	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(38.2517, 0.4466,
-19.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	566B94
RGB	86, 107, 148
RGB Percent	34%, 42%, 58%
CMY	0.6627, 0.5804, 0.4196
CMYK	0.42, 0.28, 0.00, 0.42
HSL	220°, 26%, 46%
HSV	220°, 42%, 58%
XYZ	14.4407, 14.6319, 30.0801
YIQ	105.3950, -25.6770, 8.2990

Conversions

Conversions Part 2

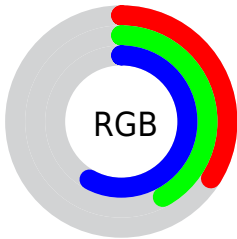
Format	Color
R _Y B	86, 102, 148
Decimal	5663636
CIE Lab	45.13, 3.33, -24.87
CIE LCh	45, 25.089, 277.620
Yxy	14.6325, 0.2441, 0.2474
Android (android.graphics.Color)	4283853716 (0xFF566B94)
YUV	105.3950, 21.0043, -17.0094
Hunter-Lab	38.2517, 0.4466, -19.8478

Details

The HunterLab color $38.2517, 0.4466, -19.8478$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $47.0606, -0.8744, 17.8905$, and the grayscale version is $37.6653, -2.0097, 2.0464$.

A 20% lighter version of the original color is $58.4134, -0.2550, -20.7260$, and $21.1000, 0.8616, -18.7616$ is the 20% darker color. If you saturate the color by 10%, you get $34.7484, 2.1347, -26.3556$, and if you desaturate by 10%, it is $41.9129, -0.8332, -13.8211$.

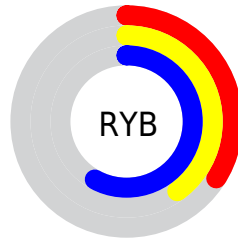
Distribution



Red (34%)

Green (42%)

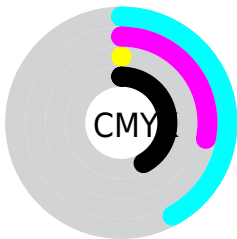
Blue (58%)



Red (34%)

Yellow (40%)

Blue (58%)

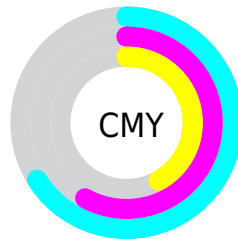


Cyan (42%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (66%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2517, 0.4466, -19.8478 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 38.2517, 0.4466, -19.8478 by changing the saturation by 10% instead.

■ 38.2517, 0.4466,
-19.8478

■ 38.2517, 0.4466,
-19.8478

■ 148.7047, -4.0573,
-22.0976

■ 29.2607, 0.7196,
-19.3278

■ 58.4869, -0.2647,
-20.7466

■ 21.1105, 0.9270,
-18.8052

■ 69.6276, -0.6918,
-21.1092

■ 13.8999, 1.0557,
-18.3898

■ 81.3976, -1.1613,
-21.4120

■ 7.5336, 1.5219,
-19.3909

■ 93.7649, -1.6704,
-21.6565

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.7020, -2.2164,
-21.8448

0.0000, NaN, NaN

120.1848, -2.7974,

0.0000, NaN, NaN

-21.9795

0.0000, NaN, NaN

134.1920, -3.4115,
-22.0630

■ 38.2517, 0.4466,
-19.8478

■ 38.2517, 0.4466,
-19.8478

■ 34.7484, 2.1347,
-26.3556

■ 41.9129, -0.8332,
-13.8211

■ 31.4267, 4.3112,
-33.4172

■ 45.7094, -1.7727,
-8.2065

■ 28.3193, 7.0615,
-41.0836

■ 49.6253, -2.4288,
-2.9372

■ 25.4656, 10.4621,
-49.3558

■ 53.6475, -2.8479,
2.0435

■ 22.9109, 14.5476,
-58.1321

■ 57.7651, -3.0673,
6.7841

■ 21.0484, 18.2156,
-65.6310

■ 61.9692, -3.1173,
11.3247

■ 66.2525, -3.0226,
15.6987

■ 70.6086, -2.8030,
19.9336

■ 75.0324, -2.4750,
24.0524

Harmonies

Analogous

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



38.2524, -8.8491, -18.0785



38.2517, 0.4466, -19.8478



38.2524, 9.9442, -14.6864

Triad

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



38.2524, 0.4464, -19.8470



38.2524, 13.7769, 11.3590



38.2524, -17.7209, 8.2068

Complementary

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



38.2517, 0.4466, -19.8478



47.0606, -0.8744, 17.8905

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.



38.2524, -12.7149, 13.5828



38.2517, 0.4466, -19.8478



38.2524, 5.2747, 15.0635

Square

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



38.2524, 0.4464, -19.8470



38.2524, 18.1214, 4.3477



38.2524, -4.4705, 15.7623



38.2524, -18.7390, -0.3310

Rectangle

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



38.2517, 0.4466, -19.8478



38.2524, 14.9065, -8.6177



38.2524, -4.4705, 15.7623



38.2524, -16.4745, 10.3739

Sweetspot

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



38.2524, 0.4464, -19.8470



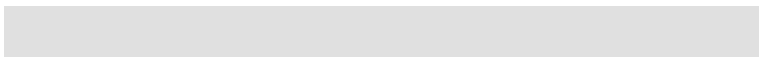
65.1974, -3.1268, -4.8358



49.6716, -21.4737, 6.5488



30.6390, -1.4177, -2.9826



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.



38.2524, 0.4464, -19.8470



46.5629, 2.6108, -34.2090



33.5310, 12.7833, -28.6550



24.3618, -1.2317, -0.7556



19.5721, 16.5291, -60.1451



3.1201, -0.1179, -3.6454

Inverse Universe

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



37.4347, 21.2477, 1.4073



45.7877, 35.2443, 2.3807



52.2639, -13.3615, 21.9825



24.1782, 1.0762, 1.0870



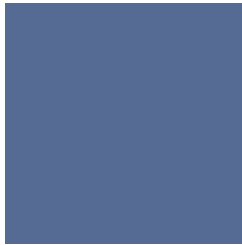
23.6222, 41.3102, 8.6242



2.7091, 4.9189, -0.4158

Previews

White Background



This preview shows how the HunterLab color 38.2517, 0.4466, -19.8478 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 38.2517, 0.4466, -19.8478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

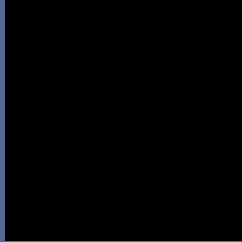
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

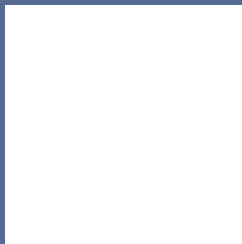
Any Text WCAG AAA × Fail

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

HunterLab 38.2517, 0.4466, -19.8478 Background



This preview shows how black text looks on a background with the HunterLab color 38.2517, 0.4466, -19.8478.



This preview shows how white text looks on a background with the HunterLab color 38.2517, 0.4466, -19.8478.

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

38.2517, 0.4466, -19.8478

Protanopia

38.1961, 2.9478, -19.2602

Deuteranopia

38.1006, 2.7105, -20.0735



Tritanopia

38.2506, -8.7470, -4.6222

Trichromacy



Original Color

38.2517, 0.4466, -19.8478

Protanomaly

38.2607, 1.7874, -19.1683

Deuteranomaly

38.2359, 1.7861, -19.8521

Tritanomaly

38.1895, -5.3569, -9.8984

Monochromacy



Original Color

38.2517, 0.4466, -19.8478

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.7958, -1.7138, -5.1168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2517, 0.4466, -19.8478 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(86, 107, 148)` looks like.

```
.text, #text, p{  
    color:rgb(86, 107, 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(86, 107, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 107, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2517, 0.4466, -19.8478 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(86, 107, 148) }
```


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

```
.border{ border-color:rgb(86, 107, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 107, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 107, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 107, 148);  
box-shadow:4px 4px 4px 4px rgb(86, 107,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2517, 0.4466, -19.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 107, 148) }
```

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

```
.background{ background-color: rgb(86, 107,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor