

Converting Colors

HunterLab(37.9098, 17.7952,
-19.7545)

Have a look what the booklet for
HunterLab(37.9098, 17.7952,
-19.7545) contains.

HunterLab(38.0096, 17.7007, -19.3270)	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(38.0096, 17.7007,
-19.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5D93
RGB	127, 93, 147
RGB Percent	50%, 36%, 58%
CMY	0.5020, 0.6353, 0.4235
CMYK	0.14, 0.37, 0.00, 0.42
HSL	278°, 22%, 47%
HSV	278°, 37%, 58%
XYZ	17.9332, 14.4473, 29.4472
YIQ	109.3220, 2.9300, 24.0020

Conversions

Conversions Part 2

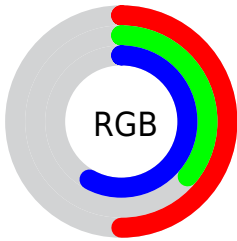
Format	Color
R _Y B	127, 93, 147
Decimal	8347027
CIE Lab	44.87, 24.41, -24.39
CIE LCh	45, 34.511, 315.026
Yxy	14.4479, 0.2901, 0.2337
Android (android.graphics.Color)	4286537107 (0xFF7F5D93)
YUV	109.3220, 18.5753, 15.5036
Hunter-Lab	38.0096, 17.7007, -19.3270

Details

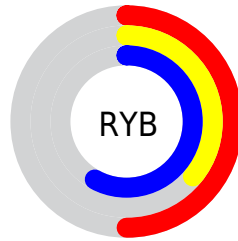
The HunterLab color $[38.0096, 17.7007, -19.3270]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[50.1685, -19.4100, 18.3342]$, and the grayscale version is $[39.1600, -2.0895, 2.1276]$.

A 20% lighter version of the original color is $[58.2986, 19.1395, -19.9396]$, and $[20.9196, 15.8571, -18.1958]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.2108, 23.4876, -26.3481]$, and if you desaturate by 10%, it is $[42.0841, 11.9608, -12.7484]$.

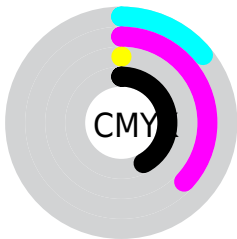
Distribution



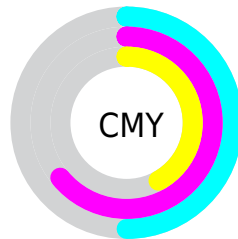
- Red (50%)
- Green (36%)
- Blue (58%)



- Red (50%)
- Yellow (36%)
- Blue (58%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (42%)



- Cyan (50%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0096, 17.7007, -19.3270 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 38.0096, 17.7007, -19.3270 by changing the saturation by 10% instead.

38.0096, 17.7007,
-19.3270

38.0096, 17.7007,
-19.3270

148.3239, 21.4981,
-21.4686

29.0394, 16.8072,
-18.8143

58.2080, 19.1291,
-20.2047

20.9121, 15.7736,
-18.2951

69.3319, 19.6929,
-20.5554

13.7274, 14.5835,
-17.8750

81.0861, 20.1699,
-20.8458

7.3415, 14.8065,
-19.0480

93.4384, 20.5685,
-21.0778

0.0000, INF, -NF

0.0000, NaN, NaN

106.3611, 20.8954,
-21.2535

0.0000, NaN, NaN

119.8301, 21.1562,

0.0000, NaN, NaN

-21.3756

0.0000, NaN, NaN

133.8240, 21.3557,
-21.4465

■ 38.0096, 17.7007,
-19.3270

■ 38.0096, 17.7007,
-19.3270

■ 34.2108, 23.4876,
-26.3481

■ 42.0841, 11.9608,
-12.7484

■ 30.7399, 29.2128,
-33.7882

■ 46.3883, 6.3180,
-6.5865

■ 27.6642, 34.6592,
-41.5076

■ 50.8888, 0.7842,
-0.7899

■ 25.0581, 39.4665,
-49.1823

■ 55.5589, -4.6449,
4.6961

■ 22.9919, 43.1382,
-56.2606

■ 60.3774, -9.9811,
9.9227

■ 21.4668, 45.3275,
-62.2190

■ 65.3272, -15.2385,
14.9346

■ 21.0015, 45.9961,
-64.1833

■ 70.3947, -20.4313,
19.7697

■ 75.5688, -25.5723,
24.4598

■ 80.8402, -30.6730,
29.0310

Harmonies

Analogous

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



38.0104, 4.7950, -29.5235



38.0096, 17.7007, -19.3270



38.0104, 25.8103, -4.7325

Triad

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



38.0104, 17.6999, -19.3260



38.0104, 4.7712, 18.8125



38.0104, -23.6181, -4.7574

Complementary

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



38.0096, 17.7007, -19.3270



50.1685, -19.4100, 18.3342

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.



38.0104, -23.6226, 7.8075



38.0096, 17.7007, -19.3270



38.0104, -8.4054, 18.8099

Square

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



38.0104, 17.6999, -19.3260



38.0104, 17.6804, 15.5195



38.0104, -18.4097, 15.5103



38.0104, -18.3963, -19.3496

Rectangle

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



38.0096, 17.7007, -19.3270



38.0104, 26.7871, 4.1293



38.0104, -18.4097, 15.5103



38.0104, -24.2039, -0.1135

Sweetspot

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



38.0104, 17.6999, -19.3260



65.3646, 4.3588, -4.4867



40.4986, -1.3887, -15.4815



30.8811, 2.5120, -2.5935



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.



38.0104, 17.6999, -19.3260



46.6809, 30.0162, -33.4975



39.9330, 22.7924, -12.2357



24.0893, 1.0377, -1.0619



19.5911, 42.8722, -59.6017



2.5258, 5.2104, -5.2280

Inverse Universe

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



39.0187, 18.3081, 0.6235



48.4642, 30.9253, 0.8650



49.0933, -23.3211, 15.4949



24.1843, 1.1087, 1.0011



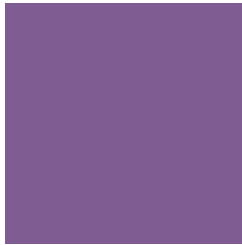
23.6997, 41.5949, 7.4965



2.7221, 4.9658, -0.5986

Previews

White Background



This preview shows how the HunterLab color 38.0096, 17.7007, -19.3270 looks on a white background.

Color Contrast Check

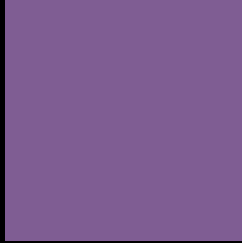
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0096, 17.7007, -19.3270 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 38.0096, 17.7007, -19.3270 Background



This preview shows how black text looks on a background with the HunterLab color 38.0096, 17.7007, -19.3270.



This preview shows how white text looks on a background with the HunterLab color 38.0096, 17.7007, -19.3270.

-19.3270.

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

38.0096, 17.7007, -19.3270

Protanopia

38.2457, 3.8815, -25.1242

Deuteranopia

38.1843, 2.7451, -18.0177



Tritanopia

38.0479, 5.1914, 0.9904

Trichromacy



Original Color

38.0096, 17.7007, -19.3270

Protanomaly

38.0668, 8.3948, -23.3355

Deuteranomaly

38.0900, 7.8794, -18.7209

Tritanomaly

37.9162, 9.4942, -5.7722

Monochromacy



Original Color

38.0096, 17.7007, -19.3270

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

38.5273, 4.9822, -5.0098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0096, 17.7007, -19.3270 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(127, 93, 147)` looks like.

```
.text, #text, p{  
    color:rgb(127, 93, 147)  
}
```

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(127, 93, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 93, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0096, 17.7007, -19.3270 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(127, 93, 147) }
```


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

```
.border{ border-color:rgb(127, 93, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 93, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 93, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 93, 147);  
box-shadow:4px 4px 4px 4px rgb(127, 93,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0096, 17.7007, -19.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 93, 147) }
```

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

```
.background{ background-color: rgb(127, 93,  
147) }
```

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