

Converting Colors

HunterLab(70.5756, 32.9364,
-80.9832)

Have a look what the booklet for
HunterLab(70.5756, 32.9364,
-80.9832) contains.

HunterLab(67.7603, 17.6547, -40.7188)	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(67.7603, 17.6547,
-40.7188)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AAFF
RGB	182, 170, 255
RGB Percent	71%, 67%, 100%
CMY	0.2863, 0.3333, 0.0000
CMYK	0.29, 0.33, 0.00, 0.00
HSL	248°, 100%, 83%
HSV	248°, 33%, 100%
XYZ	51.7162, 45.9146, 100.7445
YIQ	183.2780, -20.1330, 28.9790

Conversions

Conversions Part 2

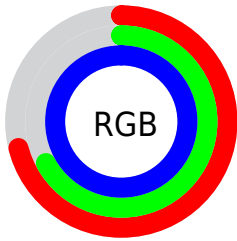
Format	Color
R _Y B	182, 170, 255
Decimal	11971327
CIE Lab	73.49, 22.46, -40.59
CIE LCh	73, 46.391, 298.955
Yxy	45.9163, 0.2607, 0.2315
Android (android.graphics.Color)	4290161407 (0xFFB6AAFF)
YUV	183.2780, 35.3589, -1.1208
Hunter-Lab	67.7603, 17.6547, -40.7188

Details

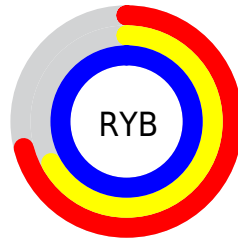
The HunterLab color $67.7603, 17.6547, -40.7188$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96.6836, -21.5381, 35.8763$, and the grayscale version is $68.7940, -3.6707, 3.7377$.

A 20% lighter version of the original color is $89.1185, 5.4239, -7.9325$, and $46.4178, 16.5366, -39.3499$ is the 20% darker color. If you saturate the color by 10%, you get $58.9946, 25.7075, -58.2791$, and if you desaturate by 10%, it is $77.0065, 10.2368, -25.2116$.

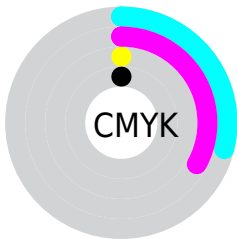
Distribution



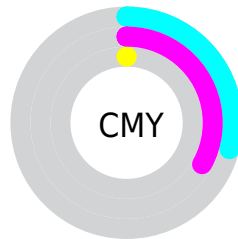
- Red (71%)
- Green (67%)
- Blue (100%)



- Red (71%)
- Yellow (67%)
- Blue (100%)



- Cyan (29%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7603, 17.6547, -40.7188 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 67.7603, 17.6547, -40.7188 by changing the saturation by 10% instead.

67.7603, 17.6547,
-40.7188

67.7603, 17.6547,
-40.7188

192.4765, 18.9924,
-45.1125

56.7272, 17.1637,
-40.0403

91.7026, 18.3878,
-41.9975

46.3669, 16.5789,
-39.3715

104.5483, 18.6466,
-42.5807

36.7276, 15.8870,
-38.7603

117.9433, 18.8411,
-43.1191

27.8679, 15.0724,
-38.3089

131.8661, 18.9759,
-43.6111

19.8638, 14.1162,
-38.2441

146.2973, 19.0552,
-44.0559

12.8189, 12.9997,
-39.1547

161.2197, 19.0824,

6.2169, 15.4725,

-44.4540

-48.6697

176.6175, 19.0606,
-44.8058

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 67.7603, 17.6547,
-40.7188

■ 67.7603, 17.6547,
-40.7188

■ 58.9946, 25.7075,
-58.2791

■ 77.0065, 10.2368,
-25.2116

■ 50.8283, 34.5340,
-78.4329

■ 86.6440, 3.3169,
-11.2919

■ 43.4411, 44.1735,
-101.5827

■ 96.6129, -3.2240,
1.4165

■ 37.0888, 54.3310,
-127.4345

100.0000, -5.3358,
5.4332

■ 32.1077, 63.9291,

-153.7985

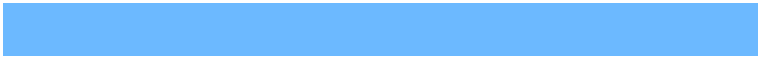
■ 28.8350, 70.8449,
-175.5223

■ 27.5592, 73.3933,
-185.2694

Harmonies

Analogous

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



67.7616, -4.3738, -48.8107



67.7603, 17.6547, -40.7188



67.7616, 35.7060, -19.9783

Triad

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



67.7616, 17.6537, -40.7164



67.7616, 19.1258, 29.5337



67.7616, -40.3042, 4.4039

Complementary

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



67.7603, 17.6547, -40.7188



96.6836, -21.5381, 35.8763

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.



67.7616, -35.6208, 21.0449



67.7603, 17.6547, -40.7188



67.7616, -2.8613, 32.4683

Square

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



67.7616, 17.6537, -40.7164



67.7616, 36.6279, 20.1453



67.7616, -22.5537, 29.9273



67.7616, -36.2277, -18.3296

Rectangle

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



67.7603, 17.6547, -40.7188



67.7616, 42.0858, -4.3144



67.7616, -22.5537, 29.9273



67.7616, -39.7134, 10.8205

Sweetspot

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



67.7616, 17.6537, -40.7164



89.9312, 1.1004, -6.9387



89.5922, -23.5394, -7.8149



40.9628, 0.9394, -4.0525

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7616, 17.6537, -40.7164



61.8560, 22.9442, -52.1660



71.9664, 30.6034, -33.0620



41.8339, 0.3582, -2.9156



20.0141, 53.1239, -133.1832



6.5223, 16.8013, -39.4412

Inverse Universe

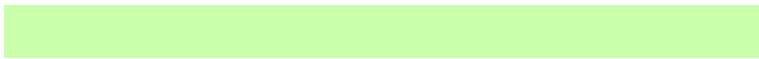
The Inverse Universe completely reimagines the original color for something new.



75.1544, 38.9962, -19.9023



70.9714, 47.9550, -24.6882



93.2005, -34.4956, 32.6316



42.7243, 3.2593, -0.8678



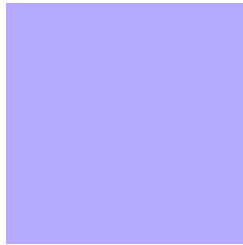
37.1459, 70.8532, -32.1184



11.6407, 22.2840, -10.6865

Previews

White Background



This preview shows how the HunterLab color 67.7603, 17.6547, -40.7188 looks on a white background.

Color Contrast Check

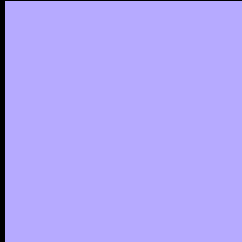
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 67.7603, 17.6547, -40.7188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

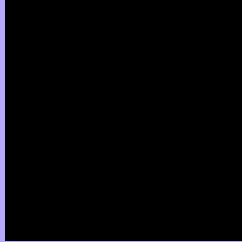
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 67.7603, 17.6547, -40.7188 Background



This preview shows how black text looks on a background with the HunterLab color 67.7603, 17.6547, -40.7188.



This preview shows how white text looks on a background with the HunterLab color 67.7603, 17.6547, -40.7188.

-40.7188.

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

67.7603, 17.6547, -40.7188

Protanopia

67.9181, 6.4560, -40.6252

Deuteranopia

67.7504, 5.7078, -39.4765



Tritanopia

67.8141, -4.7812, -3.9571

Trichromacy



Original Color

67.7603, 17.6547, -40.7188

Protanomaly

67.7342, 10.3234, -40.8950

Deuteranomaly

67.6868, 10.0731, -40.2493

Tritanomaly

67.7120, 2.5047, -15.7129

Monochromacy



Original Color

67.7603, 17.6547, -40.7188

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

68.1994, 3.5541, -10.3550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7603, 17.6547, -40.7188 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(182, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 255)  
}
```

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(182, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7603, 17.6547, -40.7188 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(182, 170, 255) }
```


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

```
.border{ border-color:rgb(182, 170, 255) }
```

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

Here you see how a box with a 4 pixel rgb(182, 170, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7603, 17.6547, -40.7188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 255) }
```

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

```
.background{ background-color: rgb(182,  
170, 255) }
```

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