

Converting Colors

HunterLab(67.6917, 47.7985,
-12.1335)

Have a look what the booklet for
HunterLab(67.6917, 47.7985,
-12.1335) contains.

HunterLab(67.7938, 47.4941, -11.8686)	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(67.7938, 47.4941,
-11.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90D4
RGB	255, 144, 212
RGB Percent	100%, 56%, 83%
CMY	0.0000, 0.4353, 0.1686
CMYK	0.00, 0.44, 0.17, 0.00
HSL	323°, 100%, 78%
HSV	323°, 44%, 100%
XYZ	63.0969, 45.9600, 67.8330
YIQ	184.9410, 44.3280, 44.6800

Conversions

Conversions Part 2

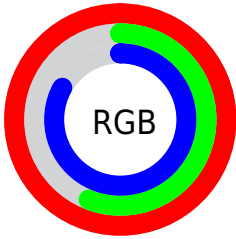
Format	Color
R_{YB}	255, 144, 212
Decimal	16748756
CIE _{Lab}	73.52, 50.31, -16.47
CIE _{LCh}	74, 52.938, 341.875
Yxy	45.9620, 0.3567, 0.2598
Android (android.graphics.Color)	4294938836 (0xFFFF90D4)
YUV	184.9410, 13.3401, 61.4417
Hunter-Lab	67.7938, 47.4941, -11.8686

Details

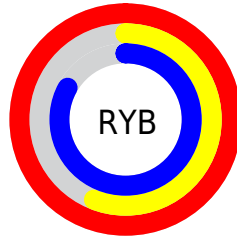
The HunterLab color $67.7938, 47.4941, -11.8686$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $90.0211, -46.0343, 23.6983$, and the grayscale version is $69.5620, -3.7117, 3.7794$.

A 20% lighter version of the original color is $83.5395, 24.6237, -15.2376$, and $46.3491, 44.0799, -11.4726$ is the 20% darker color. If you saturate the color by 10%, you get $62.1342, 59.1910, -14.0687$, and if you desaturate by 10%, it is $74.2242, 35.3013, -8.7805$.

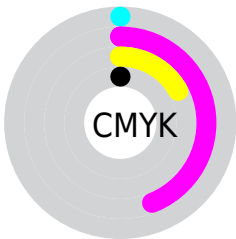
Distribution



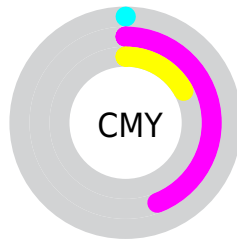
- Red (100%)
- Green (56%)
- Blue (83%)



- Red (100%)
- Yellow (56%)
- Blue (83%)



- Cyan (0%)
- Magenta (44%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.7938, 47.4941, -11.8686 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 67.7938, 47.4941, -11.8686 by changing the saturation by 10% instead.


 67.7938, 47.4941,
-11.8686

 67.7938, 47.4941,
-11.8686


192.5243, 57.6608,
-10.4334

 56.7590, 45.9004,
-11.7637


 91.7399, 50.3553,
-11.8925

 46.3966, 44.1988,
-11.5941

 104.5872, 51.6415,
-11.8226

 36.7550, 42.3868,
-11.3539


117.9839, 52.8383,
-11.7021

 27.8930, 40.4792,
-11.0403

131.9082, 53.9514,
-11.5340

 19.8862, 38.5290,
-10.6568

146.3409, 54.9858,
-11.3209

 12.8383, 36.7118,
-10.2298

161.2647, 55.9461,

 6.2433, 41.9143,

-11.0651

-11.9080

176.6639, 56.8365,
-10.7686

0.0000, INF, -NF

0.0000, NaN, NaN

■ 67.7938, 47.4941,
-11.8686

■ 67.7938, 47.4941,
-11.8686

■ 62.1342, 59.1910,
-14.0687

■ 74.2242, 35.3013,
-8.7805

■ 57.3641, 69.8115,
-15.1200

■ 81.3054, 23.0044,
-5.0382

■ 53.5979, 78.5785,
-14.7724

■ 88.9391, 10.8141,
-0.8168

■ 50.9055, 84.7024,
-12.8932

■ 97.0428, -1.1676,
3.7550

■ 49.2707, 87.7037,

100.0000, -5.3358,

-9.5790

5.4332

■ 48.6493, 88.2619,
-6.9243

Harmonies

Analogous

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



67.7953, 30.9607, -39.1338



67.7938, 47.4941, -11.8686



67.7953, 49.2035, 12.3184

Triad

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



67.7953, 47.4907, -11.8670



67.7953, -13.0900, 34.6230



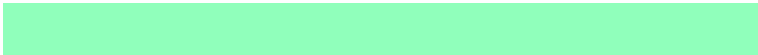
67.7953, -35.3921, -33.7767

Complementary

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



67.7938, 47.4941, -11.8686



90.0211, -46.0343, 23.6983

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.



67.7953, -44.0063, -6.2458



67.7938, 47.4941, -11.8686



67.7953, -32.4152, 29.3875

Square

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



67.7953, 47.4907, -11.8670



67.7953, 11.7435, 34.0539



67.7953, -43.0006, 16.2581



67.7953, -17.7284, -54.5745

Rectangle

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



67.7938, 47.4941, -11.8686



67.7953, 41.4454, 23.4237



67.7953, -43.0006, 16.2581



67.7953, -39.3203, -24.6572

Sweetspot

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



67.7953, 47.4907, -11.8670



89.3550, 10.1771, -0.5838



61.3817, 33.3565, -52.9767



40.5377, 5.9448, -0.7188

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7953, 47.4907, -11.8670



62.9440, 57.4572, -13.8002



66.0616, 39.2082, 12.7824



42.6311, 2.7604, 0.4561



35.2093, 63.9552, -5.6073



11.0836, 20.3058, -3.1074

Inverse Universe

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



67.7953, 47.4907, -11.8670



62.9440, 57.4572, -13.8002



91.5771, -36.8823, 1.3707



42.6311, 2.7604, 0.4561



35.2093, 63.9552, -5.6073



11.0836, 20.3058, -3.1074

Previews

White Background



This preview shows how the HunterLab color 67.7938, 47.4941, -11.8686 looks on a white background.

Color Contrast Check

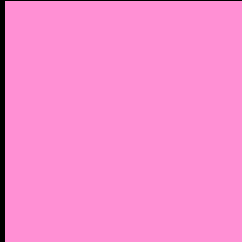
Large Text (above 18pt) WCAG AA × Fail

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 67.7938, 47.4941, -11.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

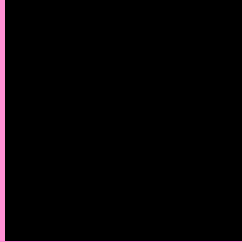
Any Text WCAG AA ✓ Pass

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 67.7938, 47.4941, -11.8686 Background



This preview shows how black text looks on a background with the HunterLab color 67.7938, 47.4941, -11.8686.



This preview shows how white text looks on a background with the HunterLab color 67.7938, 47.4941, -11.8686.

-11.8686.

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

67.7938, 47.4941, -11.8686

Protanopia

68.1200, 3.9118, -27.0266

Deuteranopia

67.8761, 5.2362, -9.0894



Tritanopia

67.6927, 33.4427, 11.1188

Trichromacy



Original Color

67.7938, 47.4941, -11.8686



Protanomaly

66.9509, 18.2489, -22.7830



Deuteranomaly

67.1580, 20.1850, -10.9474



Tritanomaly

67.7389, 38.2327, 3.6736

Monochromacy



Original Color

67.7938, 47.4941, -11.8686



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

68.1111, 13.9470, -2.7293

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7938, 47.4941, -11.8686 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(255, 144, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 212)  
}
```

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(255, 144, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7938, 47.4941, -11.8686 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(255, 144, 212) }
```


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

```
.border{ border-color:rgb(255, 144, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7938, 47.4941, -11.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 212) }
```

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

```
.background{ background-color: rgb(255,  
144, 212) }
```

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