

Converting Colors

HunterLab(70.6309, 12.7934,
-36.6822)

Have a look what the booklet for
HunterLab(70.6309, 12.7934,
-36.6822) contains.

HunterLab(70.5745, 12.2205, -35.7788)	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(70.5745, 12.2205,
-35.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B4FF
RGB	182, 180, 255
RGB Percent	71%, 71%, 100%
CMY	0.2863, 0.2941, 0.0000
CMYK	0.29, 0.29, 0.00, 0.00
HSL	242°, 100%, 85%
HSV	242°, 29%, 100%
XYZ	53.6627, 49.8076, 101.3932
YIQ	189.1480, -22.8830, 23.7490

Conversions

Conversions Part 2

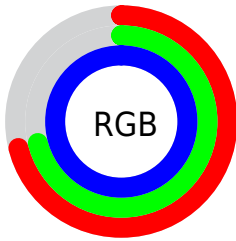
Format	Color
R_{YB}	182, 180, 255
Decimal	11973887
CIE Lab	75.95, 16.91, -36.77
CIE LCh	76, 40.469, 294.699
Yxy	49.8095, 0.2619, 0.2431
Android (android.graphics.Color)	4290163967 (0xFFB6B4FF)
YUV	189.1480, 32.4650, -6.2688
Hunter-Lab	70.5745, 12.2205, -35.7788

Details

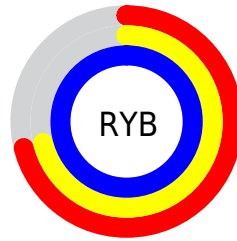
The HunterLab color $70.5745, 12.2205, -35.7788$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $97.8254, -16.9969, 33.8103$, and the grayscale version is $71.2740, -3.8030, 3.8725$.

A 20% lighter version of the original color is $92.4995, -0.4668, -3.6517$, and $48.7524, 11.8367, -34.7256$ is the 20% darker color. If you saturate the color by 10%, you get $61.3876, 19.4351, -53.2080$, and if you desaturate by 10%, it is $80.2272, 5.7467, -20.3814$.

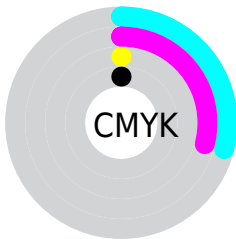
Distribution



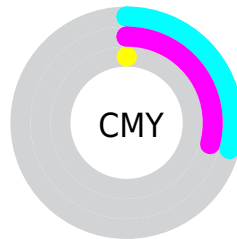
- Red (71%)
- Green (71%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5745, 12.2205, -35.7788 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 70.5745, 12.2205, -35.7788 by changing the saturation by 10% instead.

■ 70.5745, 12.2205,
-35.7788

■ 70.5745, 12.2205,
-35.7788

196.4486, 11.5343,
-39.3269

■ 59.3819, 12.0005,
-35.1553

■ 94.8117, 12.4461,
-36.9009

■ 48.8516, 11.7005,
-34.5125

107.7947, 12.4662,
-37.3930

■ 39.0299, 11.3085,
-33.8779

121.3215, 12.4305,
-37.8358

■ 29.9722, 10.8108,
-33.3133

135.3711, 12.3429,
-38.2292

■ 21.7493, 10.1885,
-32.9546

149.9248, 12.2068,
-38.5739

■ 14.4565, 9.4168,
-33.1439

164.9655, 12.0250,

■ 8.1175, 8.9915,

-38.8709

-35.6141

180.4781, 11.8001,
-39.1215

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.5745, 12.2205,
-35.7788

■ 70.5745, 12.2205,
-35.7788

■ 61.3876, 19.4351,
-53.2080

■ 80.2272, 5.7467,
-20.3814

■ 52.7791, 27.6082,
-73.2731

■ 90.2608, -0.1633,
-6.5300

■ 44.9228, 36.9318,
-96.5374

100.0000, -5.3358,
5.4332

■ 38.0733, 47.3805,
-123.0389

■ 32.5850, 58.2323,

-151.0452

■ 28.8596, 67.4578,
-175.4011

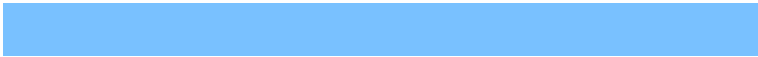
■ 27.0295, 72.6893,
-189.5965

■ 26.9516, 72.9434,
-190.2404

Harmonies

Analogous

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



70.5758, -7.1263, -40.4781



70.5745, 12.2205, -35.7788



70.5758, 28.7279, -19.4410

Triad

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



70.5758, 12.2195, -35.7765



70.5758, 18.7007, 26.7966



70.5758, -36.7032, 6.9897

Complementary

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



70.5745, 12.2205, -35.7788



97.8254, -16.9969, 33.8103

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.



70.5758, -31.2781, 21.1760



70.5745, 12.2205, -35.7788



70.5758, -0.3489, 30.5008

Square

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



70.5758, 12.2195, -35.7765



70.5758, 32.7395, 16.9209



70.5758, -18.4508, 28.7573



70.5758, -34.0963, -12.3477

Rectangle

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



70.5745, 12.2205, -35.7788



70.5758, 35.2067, -5.9998



70.5758, -18.4508, 28.7573



70.5758, -35.7774, 12.4426

Sweetspot

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



70.5758, 12.2195, -35.7765



90.6798, -0.3960, -5.9888



93.6209, -26.1101, -2.6832



41.2664, 0.1999, -3.6626

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.5758, 12.2195, -35.7765



65.3764, 16.1480, -45.2327



74.0848, 23.3745, -29.6546



41.7143, -0.0508, -3.0787



19.5077, 52.7460, -137.3030



6.1506, 16.5051, -42.3199

Inverse Universe

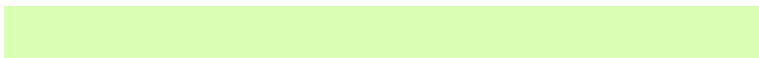
The Inverse Universe completely reimagines the original color for something new.



78.0998, 35.4071, -21.8028



74.5046, 43.3144, -27.0317



94.5795, -28.8886, 30.7038



42.7686, 3.4961, -1.4959



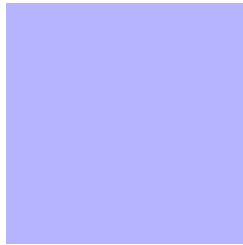
38.2889, 74.8463, -47.1603



11.9582, 23.3917, -14.8540

Previews

White Background



This preview shows how the HunterLab color 70.5745, 12.2205, -35.7788 looks on a white background.

Color Contrast Check

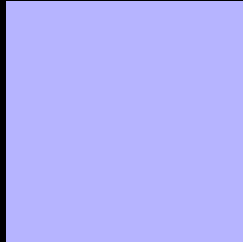
Large Text (above 18pt) WCAG AA × Fail

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 70.5745, 12.2205, -35.7788 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 70.5745, 12.2205, -35.7788 Background



This preview shows how black text looks on a background with the HunterLab color 70.5745, 12.2205, -35.7788.



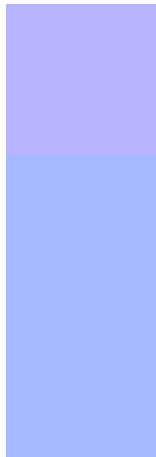
This preview shows how white text looks on a background with the HunterLab color 70.5745, 12.2205, -35.7788.

-35.7788.

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

70.5745, 12.2205, -35.7788

Protanopia

70.7283, 5.2514, -35.6332

Deuteranopia

70.7596, 5.2654, -34.8733



Tritanopia

70.7145, -6.5092, -4.9665

Trichromacy



Original Color

70.5745, 12.2205, -35.7788

Protanomaly

70.6099, 7.8790, -35.7931

Deuteranomaly

70.5644, 7.6371, -35.1693

Tritanomaly

70.4809, 0.2054, -15.2937

Monochromacy



Original Color

70.5745, 12.2205, -35.7788

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

70.9655, 1.1201, -8.8457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5745, 12.2205, -35.7788 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, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 180, 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, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5745, 12.2205, -35.7788 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, 180, 255) }
```


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

```
.border{ border-color:rgb(182, 180, 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, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5745, 12.2205, -35.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 255) }
```

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

```
.background{ background-color: rgb(182,  
180, 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