

Converting Colors

HunterLab(71.6237, 8.7451,
-34.0288)

Have a look what the booklet for
HunterLab(71.6237, 8.7451,
-34.0288) contains.

HunterLab(71.7646, 8.6995, -33.7890)	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(71.7646, 8.6995,
-33.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B9FF
RGB	179, 185, 255
RGB Percent	70%, 73%, 100%
CMY	0.2980, 0.2745, 0.0000
CMYK	0.30, 0.27, 0.00, 0.00
HSL	235°, 100%, 85%
HSV	235°, 30%, 100%
XYZ	53.9893, 51.5016, 101.7029
YIQ	191.1860, -26.0460, 20.4980

Conversions

Conversions Part 2

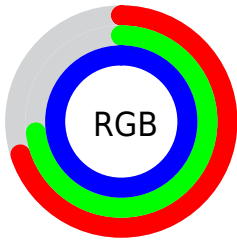
Format	Color
R_{YB}	179, 185, 255
Decimal	11778559
CIE _{Lab}	76.98, 13.30, -35.19
CIE _{LCh}	77, 37.619, 290.710
Yxy	51.5035, 0.2606, 0.2486
Android (android.graphics.Color)	4289968639 (0xFFB3B9FF)
YUV	191.1860, 31.4603, -10.6871
Hunter-Lab	71.7646, 8.6995, -33.7890

Details

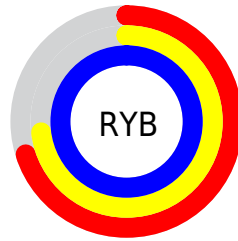
The HunterLab color $71.7646, 8.6995, -33.7890$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $96.0552, -13.3877, 32.6290$, and the grayscale version is $72.1391, -3.8492, 3.9195$.

A 20% lighter version of the original color is $93.7888, -4.0754, -2.0868$, and $49.8646, 8.5168, -32.6491$ is the 20% darker color. If you saturate the color by 10%, you get $63.0176, 14.6838, -49.9233$, and if you desaturate by 10%, it is $80.9196, 3.4627, -19.3964$.

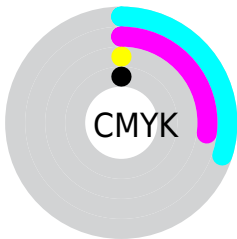
Distribution



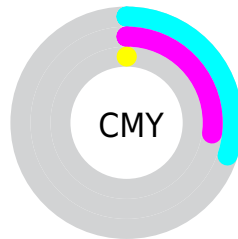
- Red (70%)
- Green (73%)
- Blue (100%)



- Red (70%)
- Yellow (73%)
- Blue (100%)



- Cyan (30%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.7646, 8.6995, -33.7890 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 71.7646, 8.6995, -33.7890 by changing the saturation by 10% instead.

■ 71.7646, 8.6995,
-33.7890

■ 71.7646, 8.6995,
-33.7890

198.1204, 6.7155,
-36.9628

■ 60.5058, 8.6538,
-33.1957

■ 96.1242, 8.5995,
-34.8365

■ 49.9052, 8.5371,
-32.5740

109.1643, 8.4664,
-35.2875

■ 40.0081, 8.3390,
-31.9451

122.7460, 8.2831,
-35.6879

■ 30.8687, 8.0472,
-31.3580

136.8484, 8.0530,
-36.0383

■ 22.5558, 7.6450,
-30.9215

151.4530, 7.7788,
-36.3396

■ 15.1617, 7.1083,
-30.9062

166.5431, 7.4631,

■ 8.7924, 6.5157,

-36.5932

-32.2773

182.1035, 7.1080,
-36.8004

0.0000, INF, -NF

0.0000, NaN, -NF

■ 71.7646, 8.6995,
-33.7890

■ 71.7646, 8.6995,
-33.7890

■ 63.0176, 14.6838,
-49.9233

■ 80.9196, 3.4627,
-19.3964

■ 54.7678, 21.6362,
-68.2932

■ 90.4123, -1.1977,
-6.3506

■ 47.1507, 29.7920,
-89.3896

100.0000, -5.3358,
5.4332

■ 40.3606, 39.3011,
-113.4212

■ 34.6690, 49.9333,

-139.5586

■ 30.4093, 60.5421,
-164.6620

■ 27.8296, 68.7847,
-183.2057

■ 27.7939, 68.9042,
-183.4845

Harmonies

Analogous

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



71.7660, -9.2843, -36.3097



71.7646, 8.6995, -33.7890



71.7660, 24.6765, -19.9676

Triad

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



71.7660, 8.6985, -33.7868



71.7660, 19.1939, 24.8419



71.7660, -34.6313, 8.9744

Complementary

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



71.7646, 8.6995, -33.7890



96.0552, -13.3877, 32.6290

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.



71.7660, -28.4873, 21.6425



71.7646, 8.6995, -33.7890



71.7660, 1.7858, 29.2149

Square

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



71.7660, 8.6985, -33.7868



71.7660, 31.1348, 14.5097



71.7660, -15.5598, 28.2074



71.7660, -33.1697, -8.6111

Rectangle

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



71.7646, 8.6995, -33.7890



71.7660, 31.4790, -7.7245



71.7660, -15.5598, 28.2074



71.7660, -33.4114, 13.8670

Sweetspot

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



71.7660, 8.6985, -33.7868



91.1873, -1.5510, -5.3519



93.7672, -28.1755, 0.7884



41.5381, -0.4203, -3.3159

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.7660, 8.6985, -33.7868



66.2913, 12.3066, -43.5520



72.9805, 21.3345, -31.5164



41.9619, -0.6150, -2.7661



20.2906, 48.9774, -131.0896



6.9035, 13.0756, -36.8552

Inverse Universe

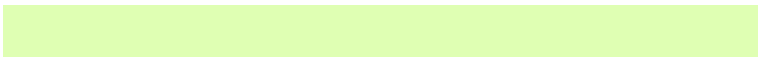
The Inverse Universe completely reimagines the original color for something new.



75.5013, 24.1889, 10.9018



71.0245, 30.6997, 12.3696



95.1399, -26.8472, 31.5760



42.4386, 1.7260, 3.2003



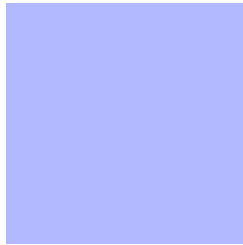
33.3820, 57.2719, 20.7631



10.4530, 18.0066, 5.9365

Previews

White Background



This preview shows how the HunterLab color 71.7646, 8.6995, -33.7890 looks on a white background.

Color Contrast Check

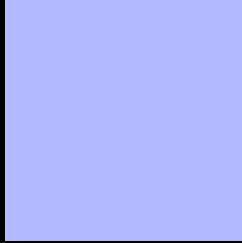
Large Text (above 18pt) WCAG AA × Fail

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 71.7646, 8.6995, -33.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

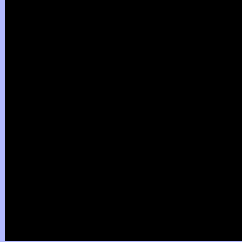
Any Text WCAG AA ✓ Pass

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 71.7646, 8.6995, -33.7890 Background



This preview shows how black text looks on a background with the HunterLab color 71.7646, 8.6995, -33.7890.



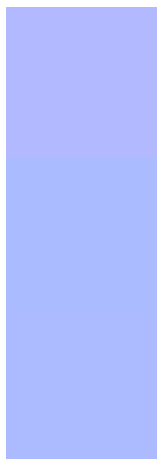
This preview shows how white text looks on a background with the HunterLab color 71.7646, 8.6995, -33.7890.

-33.7890.

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

71.7646, 8.6995, -33.7890

Protanopia

71.7067, 5.4878, -33.9440

Deuteranopia

71.7853, 5.7507, -33.8054



Tritanopia

71.8485, -8.5643, -5.6552

Trichromacy



Original Color

71.7646, 8.6995, -33.7890

Protanomaly

71.6495, 6.8126, -34.0186

Deuteranomaly

71.7299, 7.0803, -33.8766

Tritanomaly

71.8588, -2.5647, -15.1324

Monochromacy



Original Color

71.7646, 8.6995, -33.7890

Achromatopsia

72.1800, -3.8513, 3.9217

Achromatomaly

71.9827, 0.0736, -8.0439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.7646, 8.6995, -33.7890 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(179, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 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(179, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 71.7646, 8.6995, -33.7890 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(179, 185, 255) }
```


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

```
.border{ border-color:rgb(179, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.7646, 8.6995, -33.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 255) }
```

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

```
.background{ background-color: rgb(179,  
185, 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