

Converting Colors

HunterLab(53.2107, 63.5940,
-71.5151)

Have a look what the booklet for
HunterLab(53.2107, 63.5940,
-71.5151) contains.

HunterLab(53.2221, 63.4259, -71.4884)	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(53.2221, 63.4259,
-71.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	CA61FF
RGB	202, 97, 255
RGB Percent	79%, 38%, 100%
CMY	0.2078, 0.6196, 0.0000
CMYK	0.21, 0.62, 0.00, 0.00
HSL	280°, 100%, 69%
HSV	280°, 62%, 100%
XYZ	46.6818, 28.3259, 97.6147
YIQ	146.4070, 11.8620, 71.3980

Conversions

Conversions Part 2

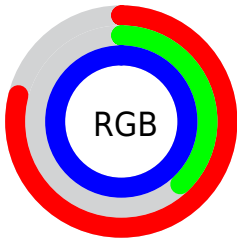
Format	Color
R _{YB}	202, 97, 255
Decimal	13263359
CIE Lab	60.18, 66.12, -61.50
CIE LCh	60, 90.300, 317.075
Yxy	28.3270, 0.2704, 0.1641
Android (android.graphics.Color)	4291453439 (0xFFCA61FF)
YUV	146.4070, 53.5363, 48.7551
Hunter-Lab	53.2221, 63.4259, -71.4884

Details

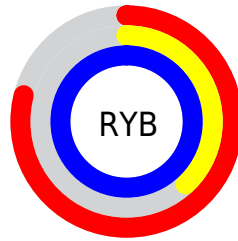
The HunterLab color $53.2221, 63.4259, -71.4884$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $88.8072, -53.9177, 46.2277$, and the grayscale version is $53.5665, -2.8582, 2.9104$.

A 20% lighter version of the original color is $71.5978, 50.9187, -33.3348$, and $33.6849, 59.0771, -71.1854$ is the 20% darker color. If you saturate the color by 10%, you get $48.1533, 73.0620, -85.5374$, and if you desaturate by 10%, it is $59.2001, 52.6128, -57.3515$.

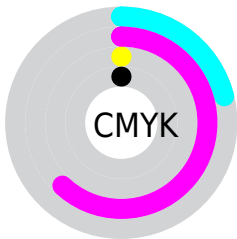
Distribution



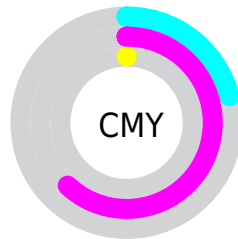
- Red (79%)
- Green (38%)
- Blue (100%)



- Red (79%)
- Yellow (38%)
- Blue (100%)



- Cyan (21%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.2221, 63.4259, -71.4884 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 53.2221, 63.4259, -71.4884 by changing the saturation by 10% instead.


 53.2221, 63.4259,
-71.4884


 53.2221, 63.4259,
-71.4884


171.4719, 79.0696,
-78.3384


 43.0956, 61.2337,
-71.2341


 75.5024, 67.5521,
-72.7126


 33.7070, 58.9964,
-71.4899


 87.5781, 69.4711,
-73.4914

 25.1210, 56.7969,
-72.7007


 100.2368, 71.2932,
-74.3121

 17.4209, 54.8510,
-75.8722

 113.4526, 73.0212,
-75.1466

 10.7237, 53.7993,
-83.7542

127.2030, 74.6587,
-75.9766

 1.4234, 236.7040,
-404.0656

141.4681, 76.2099,

0.0000, INF, -NF

-76.7901

0.0000, NaN, -NF

156.2298, 77.6789,
-77.5791

0.0000, NaN, -NF

■ 53.2221, 63.4259,
-71.4884

■ 53.2221, 63.4259,
-71.4884

■ 48.1533, 73.0620,
-85.5374

■ 59.2001, 52.6128,
-57.3515

■ 44.1311, 80.5548,
-98.5014

■ 65.9379, 41.3140,
-43.7154

■ 41.2411, 84.9032,
-109.1132

■ 73.3073, 29.9319,
-30.8218

■ 39.6314, 86.0873,
-115.6089

■ 81.2026, 18.6688,
-18.7143

■ 89.5398, 7.6068,
-7.3387

98.2533, -3.2362,
3.3964

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



53.2231, 20.8434, -119.1106



53.2221, 63.4259, -71.4884



53.2231, 90.9611, -15.5159

Triad

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



53.2231, 63.4248, -71.4858



53.2231, 14.8658, 36.0220



53.2231, -56.9735, -22.3922

Complementary

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



53.2221, 63.4259, -71.4884



88.8072, -53.9177, 46.2277

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.



53.2231, -57.7268, 16.4352



53.2221, 63.4259, -71.4884



53.2231, -22.9967, 35.8718

Square

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



53.2231, 63.4248, -71.4858



53.2231, 57.9846, 33.0483



53.2231, -47.1432, 32.0886



53.2231, -44.6675, -79.4956

Rectangle

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



53.2221, 63.4259, -71.4884



53.2231, 93.0921, 10.9067



53.2231, -47.1432, 32.0886



53.2231, -58.4295, -6.5905

Sweetspot

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



53.2231, 63.4248, -71.4858



83.6270, 15.3726, -15.2754



56.8475, 8.0849, -63.5020



37.6053, 8.5859, -8.6044

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.2231, 63.4248, -71.4858



47.2434, 74.8002, -88.3111



59.6629, 75.0427, -37.2724



42.3997, 2.2785, -2.1503



28.7961, 62.4150, -82.9469



9.3130, 19.8929, -24.5562

Inverse Universe

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



56.5793, 61.9481, 5.7113



51.7614, 72.2149, 9.1310



86.8532, -61.3115, 40.1617



42.5295, 2.2151, 1.9028



33.8832, 59.1235, 13.3865



10.6640, 18.7835, 2.8508

Previews

White Background



This preview shows how the HunterLab color 53.2221, 63.4259, -71.4884 looks on a white background.

Color Contrast Check

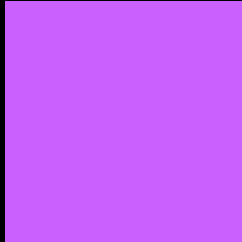
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 53.2221, 63.4259, -71.4884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

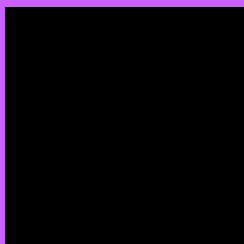
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 53.2221, 63.4259, -71.4884 Background



This preview shows how black text looks on a background with the HunterLab color 53.2221, 63.4259, -71.4884.



This preview shows how white text looks on a background with the HunterLab color 53.2221, 63.4259, -71.4884.

-71.4884.

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

53.2221, 63.4259, -71.4884

Protanopia

53.7041, 12.8325, -71.1312

Deuteranopia

53.5420, 5.4413, -63.4614



Tritanopia

52.9614, 16.7991, 5.1529

Trichromacy



Original Color

53.2221, 63.4259, -71.4884



Protanomaly

52.0070, 29.2072, -75.2988



Deuteranomaly

51.3253, 23.9166, -71.4852



Tritanomaly

52.3552, 32.5074, -17.2879

Monochromacy



Original Color

53.2221, 63.4259, -71.4884



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

52.0485, 19.7150, -20.5003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2221, 63.4259, -71.4884 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(202, 97, 255)` looks like.

```
.text, #text, p{  
  color:rgb(202, 97, 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(202, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 97, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2221, 63.4259, -71.4884 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(202, 97, 255) }
```


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

```
.border{ border-color:rgb(202, 97, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 97, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 97,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.2221, 63.4259, -71.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 97, 255) }
```

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

```
.background{ background-color: rgb(202, 97,  
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