

Converting Colors

HunterLab(53.5990, 59.6950,
-70.5805)

Have a look what the booklet for
HunterLab(53.5990, 59.6950,
-70.5805) contains.

HunterLab(53.5990, 59.6950, -70.5805)	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(53.5990, 59.6950,
-70.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	C666FF
RGB	198, 102, 255
RGB Percent	78%, 40%, 100%
CMY	0.2235, 0.6000, 0.0000
CMYK	0.22, 0.60, 0.00, 0.00
HSL	278°, 100%, 70%
HSV	278°, 60%, 100%
XYZ	46.0901, 28.7285, 97.7238
YIQ	148.1460, 8.1030, 67.9350

Conversions

Conversions Part 2

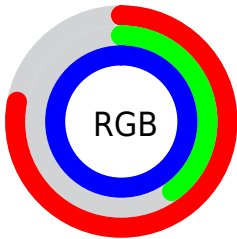
Format	Color
R_{YB}	198, 102, 255
Decimal	13002495
CIE _{Lab}	60.54, 62.90, -60.95
CIE _{LCh}	61, 87.586, 315.901
Yxy	28.7296, 0.2671, 0.1665
Android (android.graphics.Color)	4291192575 (0xFFC666FF)
YUV	148.1460, 52.6790, 43.7220
Hunter-Lab	53.5990, 59.6950, -70.5805

Details

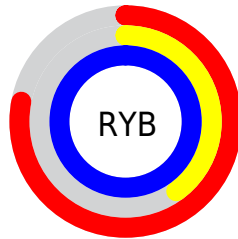
The HunterLab color **53.5990, 59.6950, -70.5805** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **89.3590, -51.5930, 45.8183**, and the grayscale version is **54.2707, -2.8957, 2.9486**.

A 20% lighter version of the original color is **72.5217, 48.6957, -31.8064**, and **34.0010, 55.3139, -70.1923** is the 20% darker color. If you saturate the color by 10%, you get **48.1808, 69.5528, -85.5152**, and if you desaturate by 10%, it is **59.8891, 48.9209, -55.9015**.

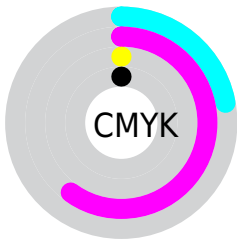
Distribution



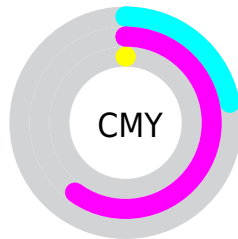
- Red (78%)
- Green (40%)
- Blue (100%)



- Red (78%)
- Yellow (40%)
- Blue (100%)



- Cyan (22%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5990, 59.6950, -70.5805 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 53.5990, 59.6950, -70.5805 by changing the saturation by 10% instead.

53.5990, 59.6950,
-70.5805

53.5990, 59.6950,
-70.5805

172.0282, 74.4500,
-77.4297

43.4469, 57.5862,
-70.2913

75.9258, 63.6308,
-71.8343

34.0308, 55.4142,
-70.4865

88.0229, 65.4497,
-72.6169

25.4146, 53.2448,
-71.5879

100.7020, 67.1706,
-73.4371

17.6810, 51.2538,
-74.5454

113.9374, 68.7975,
-74.2681

10.9451, 49.9676,
-81.9332

127.7067, 70.3345,
-75.0926

2.4501, 129.6055,
-234.1811

141.9898, 71.7860,

0.0000, INF, -NF

-75.8989

0.0000, NaN, -NF

156.7691, 73.1565,
-76.6797

0.0000, NaN, -NF

■ 53.5990, 59.6950,
-70.5805

■ 53.5990, 59.6950,
-70.5805

■ 48.1808, 69.5528,
-85.5152

■ 59.8891, 48.9209,
-55.9015

■ 43.7859, 77.5747,
-99.7684

■ 66.8997, 37.8338,
-41.9607

■ 40.5313, 82.6776,
-111.9716

■ 74.5061, 26.7593,
-28.9076

■ 38.3329, 84.4801,
-121.2317

■ 82.6079, 15.8471,
-16.7226

■ 38.3326, 84.4803,
-121.2329

■ 91.1266, 5.1478,
-5.3131

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.



53.6000, 18.4585, -114.6312



53.5990, 59.6950, -70.5805



53.6000, 87.0177, -16.7238

Triad

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



53.6000, 59.6940, -70.5779



53.6000, 15.9444, 35.9547



53.6000, -56.2456, -19.5990

Complementary

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



53.5990, 59.6950, -70.5805



89.3590, -51.5930, 45.8183

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.



53.6000, -56.5718, 17.1328



53.5990, 59.6950, -70.5805



53.6000, -21.2976, 35.8824

Square

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



53.6000, 59.6940, -70.5779



53.6000, 57.4209, 32.5591



53.6000, -45.5881, 32.1273



53.6000, -44.5248, -73.8869

Rectangle

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



53.5990, 59.6950, -70.5805



53.6000, 89.8752, 9.5289



53.6000, -45.5881, 32.1273



53.6000, -57.5542, -4.6604

Sweetspot

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



53.6000, 59.6940, -70.5779



84.2793, 13.6911, -14.3839



59.5091, 4.4847, -57.5117



37.8681, 7.7877, -8.2348

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.6000, 59.6940, -70.5779



47.2146, 71.3399, -88.4618



60.7344, 73.8765, -39.6103



42.3585, 2.1396, -2.2056



27.8672, 61.2609, -86.9323



9.0469, 19.5531, -25.6276

Inverse Universe

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



57.6773, 60.7678, 2.8860



52.6356, 71.4729, 5.8253



87.0043, -60.7118, 40.4715



42.5429, 2.2871, 1.7118



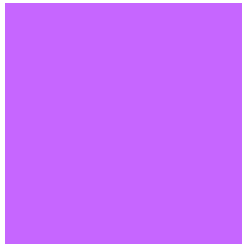
34.0102, 59.5905, 11.5351



10.7076, 18.9433, 2.2200

Previews

White Background



This preview shows how the HunterLab color 53.5990, 59.6950, -70.5805 looks on a white background.

Color Contrast Check

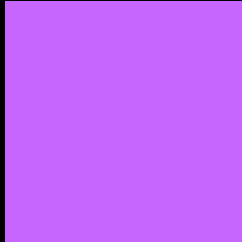
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.5990, 59.6950, -70.5805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

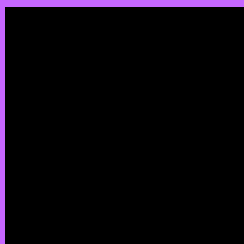
Any Text WCAG AA ✓ Pass

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 53.5990, 59.6950, -70.5805 Background



This preview shows how black text looks on a background with the HunterLab color 53.5990, 59.6950, -70.5805.



This preview shows how white text looks on a background with the HunterLab color 53.5990, 59.6950, -70.5805.

-70.5805.

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

53.5990, 59.6950, -70.5805

Protanopia

54.0783, 12.6003, -70.1821

Deuteranopia

53.9052, 5.1683, -62.5917



Tritanopia

53.3493, 14.2681, 4.2431

Trichromacy



Original Color

53.5990, 59.6950, -70.5805



Protanomaly

52.5013, 28.0883, -73.9982



Deuteranomaly

52.0242, 22.0495, -69.6962



Tritanomaly

52.8626, 29.4046, -17.7726

Monochromacy



Original Color

53.5990, 59.6950, -70.5805



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

52.8464, 18.3476, -19.8612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5990, 59.6950, -70.5805 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(198, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 102, 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(198, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 102, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5990, 59.6950, -70.5805 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(198, 102, 255) }
```


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

```
.border{ border-color:rgb(198, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 102,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5990, 59.6950, -70.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 102, 255) }
```

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

```
.background{ background-color: rgb(198,  
102, 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