

# Converting Colors

HunterLab(53.3099, 68.4167,  
-69.7181)

Have a look what the booklet for  
HunterLab(53.3099, 68.4167,  
-69.7181) contains.

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# Color

**HunterLab(53.3131, 68.5334,  
-69.2955)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D35BFD
RGB	211, 91, 253
RGB Percent	83%, 36%, 99%
CMY	0.1725, 0.6431, 0.0078
CMYK	0.17, 0.64, 0.00, 0.01
HSL	284°, 98%, 67%
HSV	284°, 64%, 99%
XYZ	48.3346, 28.4229, 95.8671
YIQ	145.3480, 19.5180, 75.8220

# Conversions

## Conversions Part 2

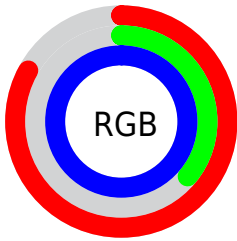
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 91, 253
Decimal	13851645
CIE Lab	60.27, 70.35, -60.19
CIE LCh	60, 92.585, 319.450
Yxy	28.4240, 0.2800, 0.1647
Android (android.graphics.Color)	4292041725 (0xFFD35BFD)
YUV	145.3480, 53.0724, 57.5768
Hunter-Lab	53.3131, 68.5334, -69.2955

# Details

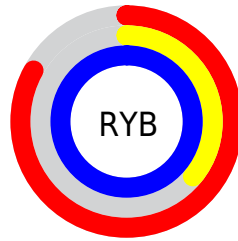
The HunterLab color **53.3131, 68.5334, -69.2955** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **87.1740, -56.9564, 45.9868**, and the grayscale version is **53.1408, -2.8355, 2.8872**.

A 20% lighter version of the original color is **70.4697, 53.6840, -35.2357**, and **33.6962, 63.7637, -68.9653** is the 20% darker color. If you saturate the color by 10%, you get **48.8405, 77.8389, -81.3532**, and if you desaturate by 10%, it is **58.7289, 57.6819, -56.6184**.

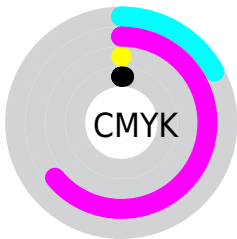
# Distribution



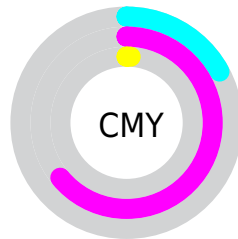
- Red (83%)
- Green (36%)
- Blue (99%)



- Red (83%)
- Yellow (36%)
- Blue (99%)



- Cyan (17%)
- Magenta (64%)
- Yellow (0%)
- Black (1%)




- Cyan (17%)
- Magenta (64%)
- Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.3131, 68.5334, -69.2955 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 53.3131, 68.5334, -69.2955 by changing the saturation by 10% instead.





 53.3131, 68.5334,  
-69.2955


 53.3131, 68.5334,  
-69.2955


171.6064, 85.2616,  
-76.1175

 43.1805, 66.2456,  
-68.9872


 75.6047, 72.8852,  
-70.5653


 33.7853, 63.9371,  
-69.1500


 87.6856, 74.9252,  
-71.3484

 25.1919, 61.7115,  
-70.1996


 100.3492, 76.8704,  
-72.1658

 17.4837, 59.8312,  
-73.0751

 113.5698, 78.7223,  
-72.9916

 10.7771, 59.0606,  
-80.3394

127.3248, 80.4837,  
-73.8089

 1.7286, 214.6470,  
-319.5601

141.5942, 82.1583,

0.0000, INF, -NF

-74.6068

0.0000, NaN, -NF

156.3601, 83.7497,  
-75.3779

0.0000, NaN, -NF

■ 53.3131, 68.5334,  
-69.2955

■ 53.3131, 68.5334,  
-69.2955

■ 48.8405, 77.8389,  
-81.3532

■ 58.7289, 57.6819,  
-56.6184

■ 45.4168, 84.6497,  
-91.8477

■ 64.9515, 46.0656,  
-43.9995

■ 43.0755, 88.1755,  
-99.8225

■ 71.8540, 34.1950,  
-31.8051

■ 42.0813, 88.9178,  
-103.4442

■ 79.3264, 22.3586,  
-20.1848

■ 87.2783, 10.6953,  
-9.1608

95.6380, -0.7437,  
1.3081

99.9359, -5.6869,  
6.3476

# Harmonies

## Analogous

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



53.3142, 25.0599, -121.2267



53.3131, 68.5334, -69.2955



53.3142, 95.0021, -12.1985

# Triad

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



53.3142, 68.5322, -69.2933



53.3142, 11.8791, 36.3174



53.3142, -57.4657, -27.4231

# Complementary

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



53.3131, 68.5334, -69.2955



87.1740, -56.9564, 45.9868

# 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.



53.3142, -59.0958, 14.5707



53.3131, 68.5334, -69.2955



53.3142, -25.9825, 36.0131

# Square

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



53.3142, 68.5322, -69.2933



53.3142, 56.4867, 33.8588



53.3142, -49.3756, 31.8316



53.3142, -43.9890, -87.1566



# Rectangle

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



53.3131, 68.5334, -69.2955



53.3142, 95.4181, 13.5110



53.3142, -49.3756, 31.8316



53.3142, -59.2290, -10.4663

# Sweetspot

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



53.3142, 68.5322, -69.2933



84.0137, 16.6230, -14.7066



51.4030, 16.2972, -75.2278



37.8144, 9.2527, -8.2873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



53.3142, 68.5322, -69.2933



48.1279, 80.9101, -85.4771



57.6908, 73.9843, -29.3676



42.4847, 2.5648, -2.0363



30.8124, 65.0106, -74.9987



9.8842, 20.6431, -22.4204



# Inverse Universe

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



54.8262, 61.9036, 10.8695



50.4660, 72.8894, 15.1908



86.0552, -60.5957, 37.7039



42.5022, 2.0683, 2.2923



33.6682, 58.3312, 16.5362



10.5860, 18.4973, 3.9841



# Previews

## White Background



This preview shows how the HunterLab color 53.3131, 68.5334, -69.2955 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

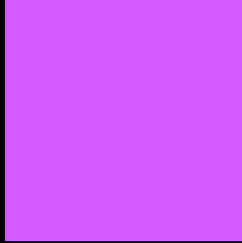
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 53.3131, 68.5334, -69.2955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

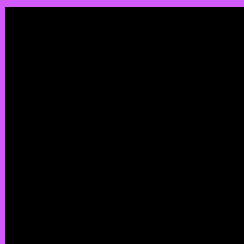
Any Text WCAG AA ✓ Pass

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 53.3131, 68.5334, -69.2955 Background



This preview shows how black text looks on a background with the HunterLab color 53.3131, 68.5334, -69.2955.



This preview shows how white text looks on a background with the HunterLab color 53.3131, 68.5334, -69.2955.

-69.2955.

# 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

53.3131, 68.5334, -69.2955

### Protanopia

53.7041, 12.8325, -71.1312

### Deuteranopia

53.6044, 5.3077, -60.6641



## Tritanopia

53.0741, 21.9841, 7.0684

# Trichromacy



## Original Color

53.3131, 68.5334, -69.2955



## Protanomaly

51.4515, 31.2601, -75.7995



## Deuteranomaly

51.2116, 25.9302, -69.8663



## Tritanomaly

52.2918, 37.7302, -15.4729

# Monochromacy



## Original Color

53.3131, 68.5334, -69.2955



## Achromatopsia

53.2117, -2.8392, 2.8911



## Achromatomaly

51.5392, 21.8381, -20.0264

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.3131, 68.5334, -69.2955 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(211, 91, 253)` looks like.

```
.text, #text, p{  
    color:rgb(211, 91, 253)  
}
```

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(211, 91, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 91, 253) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.3131, 68.5334, -69.2955 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(211, 91, 253) }
```



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

```
.border{ border-color:rgb(211, 91, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 91, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 91, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 91, 253);  
box-shadow:4px 4px 4px 4px rgb(211, 91,  
253) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.3131, 68.5334, -69.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 91, 253) }
```

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

```
.background{ background-color: rgb(211, 91,  
253) }
```

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](#).

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