

# Converting Colors

HunterLab(27.8351, 73.0200,  
-178.5346)

Have a look what the booklet for  
HunterLab(27.8351, 73.0200,  
-178.5346) contains.

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# Color

**HunterLab(27.8066, 72.8945,  
-177.9579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3300FC
RGB	51, 0, 252
RGB Percent	20%, 0%, 99%
CMY	0.7999, 1.0000, 0.0118
CMYK	0.80, 1.00, 0.00, 0.01
HSL	252°, 100%, 49%
HSV	252°, 100%, 99%
XYZ	18.9359, 7.7321, 92.5898
YIQ	43.9770, -50.4960, 89.1840

# Conversions

## Conversions Part 2

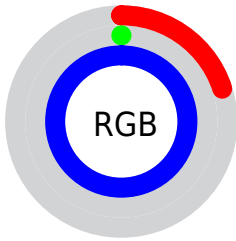
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	51, 0, 252
Decimal	3342588
CIE Lab	33.42, 79.01, -104.27
CIE LCh	33, 130.830, 307.153
Yxy	7.7326, 0.1588, 0.0648
Android (android.graphics.Color)	4281532668 (0xFF3300FC)
YUV	43.9770, 102.5553, 6.1592
Hunter-Lab	27.8066, 72.8945, -177.9579

# Details

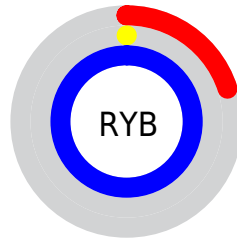
The HunterLab color **27.8066, 72.8945, -177.9579** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **90.5737, -42.4394, 55.0681**, and the grayscale version is **15.5511, -0.8298, 0.8449**.

A 20% lighter version of the original color is **41.3956, 58.7484, -108.9682**, and **19.6221, 53.2249, -139.4231** is the 20% darker color. If you saturate the color by 10%, you get **27.8075, 72.8952, -177.9516**, and if you desaturate by 10%, it is **30.1266, 68.9169, -161.4764**.

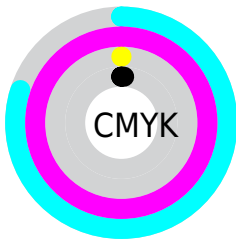
# Distribution



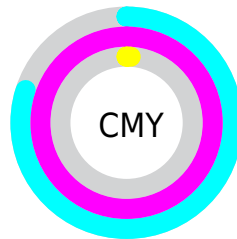
- Red (20%)
- Green (0%)
- Blue (99%)



- Red (20%)
- Yellow (0%)
- Blue (99%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (80%)
- Magenta (100%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8066, 72.8945, -177.9579 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 27.8066, 72.8945, -177.9579 by changing the saturation by 10% instead.



■ 27.8066, 72.8945,  
-177.9579

■ 27.8066, 72.8945,  
-177.9579

■ 131.7646, 93.2433,  
-158.4907

■ 19.8099, 71.0136,  
-194.2784

■ 46.2952, 77.6261,  
-163.4086

■ 12.7723, 70.3054,  
-226.3261

■ 56.6506, 80.0703,  
-160.2409

■ 6.1528, 84.2730,  
-338.5503

■ 67.6803, 82.4700,  
-158.4496

0.0000, INF, -NF

0.0000, NaN, -NF

■ 79.3453, 84.7982,  
-157.5576

0.0000, NaN, -NF

■ 91.6127, 87.0428,  
-157.2736

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.4544, 89.1987,

-157.4111

117.8456, 91.2652,  
-157.8453

27.8066, 72.8945,  
-177.9579

27.8066, 72.8945,  
-177.9579

27.8075, 72.8952,  
-177.9516

30.1266, 68.9169,  
-161.4764

34.0278, 61.4388,  
-138.4240

39.4234, 52.0030,  
-113.3023

45.9946, 42.2576,  
-89.6357

53.4586, 32.9596,  
-68.6239

■ 61.6054, 24.3059,  
-50.2478

■ 70.2881, 16.2605,  
-34.0894

■ 79.4040, 8.7196,  
-19.6858

■ 88.8801, 1.5754,  
-6.6400

# Harmonies

## Analogous

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



27.8075, 10.1878, -269.0116



27.8066, 72.8945, -177.9579



27.8075, 132.5160, -53.5377

# Triad

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



27.8075, 72.8952, -177.9516



27.8075, 40.9543, 19.4653



27.8075, -46.4319, -10.8772

# Complementary

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



27.8066, 72.8945, -177.9579



90.5737, -42.4394, 55.0681

# 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.



27.8075, -44.9830, 18.4482



27.8066, 72.8945, -177.9579



27.8075, -11.5027, 19.4653

# Square

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



27.8075, 72.8952, -177.9516



27.8075, 107.2468, 19.4653



27.8075, -36.9186, 19.4653



27.8075, -42.3871, -109.0543



# Rectangle

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



27.8066, 72.8945, -177.9579



27.8075, 149.4809, -2.9147



27.8075, -36.9186, 19.4653



27.8075, -46.5662, 5.3155

# Sweetspot

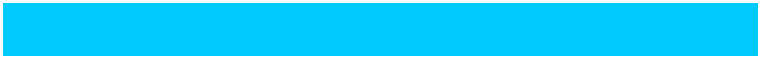
The Sweet Spot groups the original color and five complimentary colors.



27.8075, 72.8952, -177.9516



71.2235, 16.4954, -34.5799



70.0585, -24.2609, -35.1949



31.2066, 9.1915, -19.0830

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



27.8075, 72.8952, -177.9516



28.1783, 73.8780, -180.4076



40.3796, 86.5563, -108.8285



41.0027, 0.5601, -2.7557



20.1917, 52.7101, -127.5026



6.4814, 16.3310, -36.3652



# Inverse Universe

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



49.9116, 93.9223, -33.2286



50.5862, 95.1892, -33.6583



84.3452, -67.6940, 50.7880



41.7861, 3.0551, -0.5174



36.0535, 67.8947, -24.3919

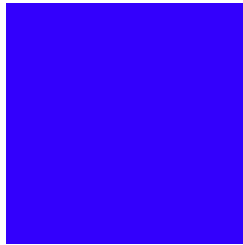


11.0391, 20.8989, -8.3256



# Previews

## White Background



This preview shows how the HunterLab color 27.8066, 72.8945, -177.9579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

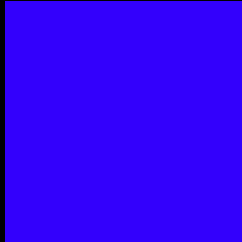
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 27.8066, 72.8945, -177.9579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

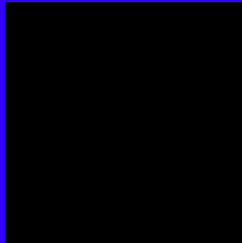
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# HunterLab 27.8066, 72.8945, -177.9579 Background



This preview shows how black text looks on a background with the HunterLab color 27.8066, 72.8945, -177.9579.



This preview shows how white text looks on a background with the HunterLab color 27.8066, 72.8945, -177.9579.

-177.9579.

# 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

27.8066, 72.8945, -177.9579

### Protanopia

28.0731, 8.6504, -53.7626

### Deuteranopia

27.9502, -1.2629, -32.2091



## Tritanopia

27.8427, -13.9674, -4.6493

# Trichromacy



## Original Color

27.8066, 72.8945, -177.9579

## Protanomaly

24.9602, 35.7320, -105.2311

## Deuteranomaly

24.1014, 28.4217, -88.2661

## Tritanomaly

22.7350, 16.6472, -60.9474

# Monochromacy



## Original Color

27.8066, 72.8945, -177.9579

## Achromatopsia

15.8704, -0.8468, 0.8623

## Achromatomaly

16.7060, 23.9501, -52.3501

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.8066, 72.8945, -177.9579 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(51, 0, 252)` looks like.

```
.text, #text, p{  
  color:rgb(51, 0, 252)  
}
```

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(51, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 0, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.8066, 72.8945, -177.9579 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(51, 0, 252) }
```



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

```
.border{ border-color:rgb(51, 0, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 0, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(51, 0, 252)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 27.8066, 72.8945, -177.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 0, 252) }
```

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

```
.background{ background-color: rgb(51, 0,  
252) }
```

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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