

Converting Colors

HunterLab(27.7861, 68.5280,
-166.0119)

Have a look what the booklet for
HunterLab(27.7861, 68.5280,
-166.0119) contains.

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Color

**HunterLab(27.7870, 68.6484,
-166.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	380DF5
RGB	56, 13, 245
RGB Percent	22%, 5%, 96%
CMY	0.7803, 0.9491, 0.0392
CMYK	0.77, 0.95, 0.00, 0.04
HSL	251°, 92%, 51%
HSV	251°, 95%, 96%
XYZ	18.2562, 7.7212, 86.9144
YIQ	52.3050, -48.8440, 81.2680

Conversions

Conversions Part 2

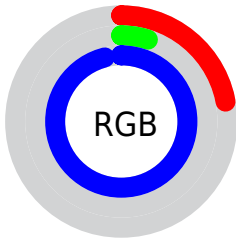
Format	Color
R _Y B	56, 13, 245
Decimal	3673589
CIE Lab	33.40, 75.58, -100.36
CIE LCh	33, 125.639, 306.982
Yxy	7.7212, 0.1617, 0.0684
Android (android.graphics.Color)	4281863669 (0xFF380DF5)
YUV	52.3050, 94.9986, 3.2405
Hunter-Lab	27.7870, 68.6484, -166.0010

Details

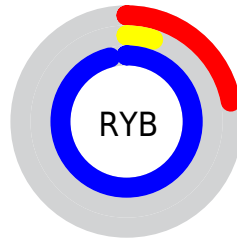
The HunterLab color **27.7870, 68.6484, -166.0010** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **88.2531, -39.0066, 53.4429**, and the grayscale version is **18.3339, -0.9783, 0.9961**.

A 20% lighter version of the original color is **42.1450, 56.9383, -106.1288**, and **18.9416, 51.3792, -134.5883** is the 20% darker color. If you saturate the color by 10%, you get **26.7592, 70.4619, -173.6833**, and if you desaturate by 10%, it is **30.7917, 62.8454, -146.2649**.

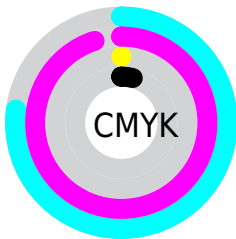
Distribution



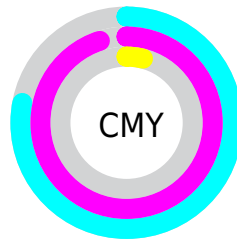
- Red (22%)
- Green (5%)
- Blue (96%)



- Red (22%)
- Yellow (5%)
- Blue (96%)



- Cyan (77%)
- Magenta (95%)
- Yellow (0%)
- Black (4%)



- Cyan (78%)
- Magenta (95%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7870, 68.6484, -166.0010 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 27.7870, 68.6484, -166.0010 by changing the saturation by 10% instead.

■ 27.7870, 68.6484,
-166.0010

■ 27.7870, 68.6484,
-166.0010

■ 131.7302, 88.3581,
-150.0484

■ 19.7916, 66.6967,
-180.4641

■ 46.2710, 73.3392,
-153.3351

■ 12.7565, 65.7454,
-209.0595

■ 56.6247, 75.7192,
-150.6772

■ 6.1310, 78.5630,
-311.0061

■ 67.6528, 78.0416,
-149.2470

0.0000, INF, -NF

0.0000, NaN, -NF

■ 79.3163, 80.2847,
-148.6157

0.0000, NaN, -NF

■ 91.5823, 82.4393,
-148.5217

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.4225, 84.5026,

-148.7978

117.8124, 86.4748,
-149.3322

27.7870, 68.6484,
-166.0010

27.7870, 68.6484,
-166.0010

26.7592, 70.4619,
-173.6833

30.7917, 62.8454,
-146.2649

35.3820, 54.2132,
-122.0078

41.2681, 44.7170,
-97.8998

48.1441, 35.4718,
-76.0989

55.7702, 26.8548,
-57.0032

■ 63.9761, 18.8911,
-40.3064

■ 72.6437, 11.4873,
-25.5427

■ 81.6902, 4.5294,
-12.2821

■ 91.0561, -2.0843,
-0.1777

Harmonies

Analogous

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



27.7870, 9.4066, -249.0026



27.7870, 68.6484, -166.0010



27.7870, 124.6004, -50.8804

Triad

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



27.7870, 68.6526, -166.0013



27.7870, 39.2577, 19.4509



27.7870, -45.6104, -9.9729

Complementary

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



27.7870, 68.6484, -166.0010



88.2531, -39.0066, 53.4429

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.



27.7870, -44.1879, 18.1901



27.7870, 68.6484, -166.0010



27.7870, -10.9193, 19.4509

Square

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



27.7870, 68.6526, -166.0013



27.7870, 101.5474, 19.4509



27.7870, -35.9763, 19.4509



27.7870, -41.6636, -101.1696

Rectangle

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



27.7870, 68.6484, -166.0010



27.7870, 140.6165, -2.9998



27.7870, -35.9763, 19.4509



27.7870, -45.7292, 5.3757

Sweetspot

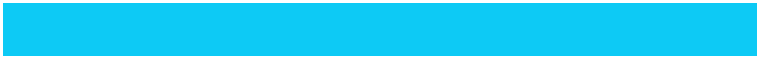
The Sweet Spot groups the original color and five complimentary colors.



27.7870, 68.6526, -166.0013



72.9274, 14.5659, -31.7235



70.0979, -26.2204, -30.3323



31.9288, 8.2937, -17.7835

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



27.7870, 68.6526, -166.0013



27.9846, 73.7236, -181.9076



39.4935, 82.4559, -103.9094



40.0931, 0.4832, -2.7073



19.7500, 51.8045, -126.6314



6.1844, 15.6381, -35.1289

Inverse Universe

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



48.9517, 91.0302, -35.8964



50.7933, 95.9221, -36.4571



82.0574, -63.9737, 49.1687



40.8809, 3.0096, -0.5877



35.6548, 67.3834, -25.9799



10.6333, 20.1990, -8.5489

Previews

White Background



This preview shows how the HunterLab color 27.7870, 68.6484, -166.0010 looks on a white background.

Color Contrast Check

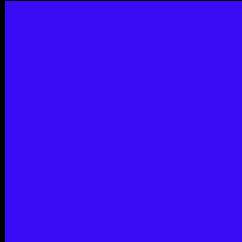
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7870, 68.6484, -166.0010 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 27.7870, 68.6484, -166.0010 Background



This preview shows how black text looks on a background with the HunterLab color 27.7870, 68.6484, -166.0010.



This preview shows how white text looks on a background with the HunterLab color 27.7870, 68.6484, -166.0010.

-166.0010.

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

27.7870, 68.6484, -166.0010

Protanopia

27.6985, 8.5117, -52.9951

Deuteranopia

27.6299, -1.0907, -32.1804



Tritanopia

27.5483, -13.6091, -5.0548

Trichromacy



Original Color

27.7870, 68.6484, -166.0010

Protanomaly

25.3232, 32.2061, -97.8907

Deuteranomaly

24.6419, 25.2618, -81.9575

Tritanomaly

23.4916, 13.9758, -55.9914

Monochromacy



Original Color

27.7870, 68.6484, -166.0010

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.8368, 20.8047, -45.9827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7870, 68.6484, -166.0010 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(56, 13, 245)` looks like.

```
.text, #text, p{  
    color:rgb(56, 13, 245)  
}
```

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(56, 13, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 13, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7870, 68.6484, -166.0010 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(56, 13, 245) }
```


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

```
.border{ border-color:rgb(56, 13, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 13, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 13, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 13, 245);  
box-shadow:4px 4px 4px 4px rgb(56, 13,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.7870, 68.6484, -166.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 13, 245) }
```

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

```
.background{ background-color: rgb(56, 13,  
245) }
```

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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