

Converting Colors

HunterLab(30.0658, 74.6003,
-166.7351)

Have a look what the booklet for
HunterLab(30.0658, 74.6003,
-166.7351) contains.

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Color

**HunterLab(30.0566, 74.5654,
-166.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	5005FF
RGB	80, 5, 255
RGB Percent	31%, 2%, 100%
CMY	0.6862, 0.9805, 0.0000
CMYK	0.69, 0.98, 0.00, 0.00
HSL	258°, 100%, 51%
HSV	258°, 98%, 100%
XYZ	21.4125, 9.0340, 95.2228
YIQ	55.9250, -35.5500, 93.6500

Conversions

Conversions Part 2

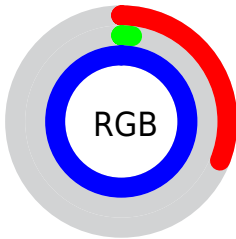
Format	Color
RYB	80, 5, 255
Decimal	5244415
CIELab	36.05, 79.89, -101.52
CIELCh	36, 129.183, 308.200
Yxy	9.0340, 0.1704, 0.0719
Android (android.graphics.Color)	4283434495 (0xFF5005FF)
YUV	55.9250, 98.1440, 21.1138
Hunter-Lab	30.0566, 74.5654, -166.7980

Details

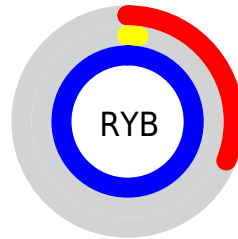
The HunterLab color **30.0566, 74.5654, -166.7980** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **90.1279, -49.5829, 54.5743**, and the grayscale version is **19.5429, -1.0428, 1.0618**.

A 20% lighter version of the original color is **44.0920, 60.1235, -98.9959**, and **19.9638, 54.1517, -141.8510** is the 20% darker color. If you saturate the color by 10%, you get **29.6279, 75.1069, -169.7533**, and if you desaturate by 10%, it is **32.8052, 70.7219, -149.5356**.

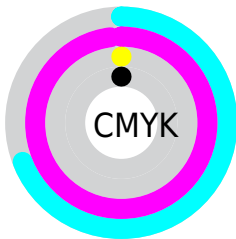
Distribution



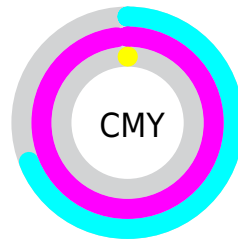
- Red (31%)
- Green (2%)
- Blue (100%)



- Red (31%)
- Yellow (2%)
- Blue (100%)



- Cyan (69%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0566, 74.5654, -166.7980 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 30.0566, 74.5654, -166.7980 by changing the saturation by 10% instead.

■ 30.0566, 74.5654,
-166.7980

■ 30.0566, 74.5654,
-166.7980

■ 135.5107, 95.0070,
-152.7323

■ 21.8252, 72.5491,
-179.5629

■ 48.9510, 79.3777,
-155.3744

■ 14.5228, 71.4554,
-203.9501

■ 59.4879, 81.8305,
-152.9641

■ 8.1838, 74.4574,
-262.1590

■ 70.6882, 84.2327,
-151.6837

0.0000, INF, -NF

0.0000, NaN, -NF

■ 82.5146, 86.5612,
-151.1469

0.0000, NaN, -NF

■ 94.9357, 88.8053,
-151.1147

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.9241, 90.9610,

-151.4323

121.4561, 93.0278,
-151.9955

30.0566, 74.5654,
-166.7980

30.0566, 74.5654,
-166.7980

29.6279, 75.1069,
-169.7533

32.8052, 70.7219,
-149.5356

37.0664, 63.3586,
-127.3814

42.6709, 54.1202,
-104.2137

49.3445, 44.3899,
-82.4932

56.8466, 34.8549,
-63.0355

■ 64.9950, 25.7471,
-45.8030

■ 73.6587, 17.0878,
-30.4651

■ 82.7439, 8.8215,
-16.6502

■ 92.1825, 0.8746,
-4.0322

Harmonies

Analogous

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



30.0567, 12.0193, -255.5950



30.0566, 74.5654, -166.7980



30.0567, 131.7016, -49.0816

Triad

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



30.0567, 74.5693, -166.7976



30.0567, 38.6003, 21.0397



30.0567, -48.6088, -12.9383

Complementary

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



30.0566, 74.5654, -166.7980



90.1279, -49.5829, 54.5743

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.



30.0567, -47.4597, 19.0834



30.0566, 74.5654, -166.7980



30.0567, -13.1662, 21.0397

Square

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



30.0567, 74.5693, -166.7976



30.0567, 103.6665, 21.0397



30.0567, -38.9847, 21.0397



30.0567, -44.2301, -110.0040

Rectangle

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



30.0566, 74.5654, -166.7980



30.0567, 146.8306, -1.1161



30.0567, -38.9847, 21.0397



30.0567, -48.7911, 4.1503

Sweetspot

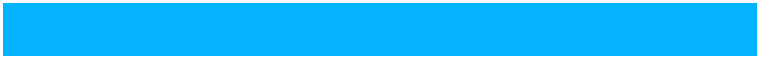
The Sweet Spot groups the original color and five complimentary colors.



30.0567, 74.5693, -166.7976



72.8139, 17.8948, -31.8551



63.1602, -13.2196, -50.1229



31.9595, 9.9715, -17.6991

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.0567, 74.5693, -166.7976



29.6279, 75.1069, -169.7533



45.0629, 92.5767, -95.0887



42.0023, 0.9325, -2.6867



21.5734, 54.4318, -121.6146



7.1211, 17.3532, -35.3834

Inverse Universe

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



49.6610, 91.1193, -19.3364



49.4908, 91.2878, -18.6645



85.0545, -70.4356, 51.0774



42.6638, 2.9357, -0.0092



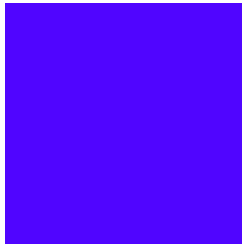
35.8134, 66.1263, -14.0261



11.2613, 20.9417, -5.5633

Previews

White Background



This preview shows how the HunterLab color 30.0566, 74.5654, -166.7980 looks on a white background.

Color Contrast Check

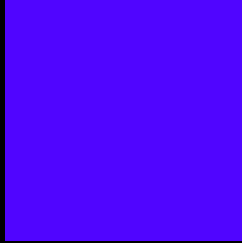
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0566, 74.5654, -166.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

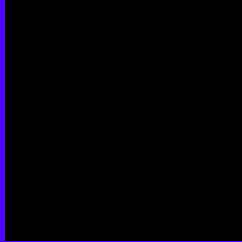
Any Text WCAG AA × Fail

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 30.0566, 74.5654, -166.7980 Background



This preview shows how black text looks on a background with the HunterLab color 30.0566, 74.5654, -166.7980.



This preview shows how white text looks on a background with the HunterLab color 30.0566, 74.5654, -166.7980.

-166.7980.

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

30.0566, 74.5654, -166.7980

Protanopia

30.0219, 9.6752, -58.4107

Deuteranopia

30.1430, -0.8983, -35.7371



Tritanopia

30.1737, -14.9878, -5.3602

Trichromacy



Original Color

30.0566, 74.5654, -166.7980

Protanomaly

26.7653, 36.4344, -106.6475

Deuteranomaly

26.1390, 28.5730, -88.7634

Tritanomaly

24.7119, 16.2021, -59.9515

Monochromacy



Original Color

30.0566, 74.5654, -166.7980

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.0137, 25.0701, -47.7287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0566, 74.5654, -166.7980 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(80, 5, 255)` looks like.

```
.text, #text, p{  
    color:rgb(80, 5, 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(80, 5, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 5, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0566, 74.5654, -166.7980 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(80, 5, 255) }
```


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

```
.border{ border-color:rgb(80, 5, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 5, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 5, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 5, 255);  
box-shadow:4px 4px 4px 4px rgb(80, 5, 255)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.0566, 74.5654, -166.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 5, 255) }
```

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

```
.background{ background-color: rgb(80, 5,  
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](#).

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