

Converting Colors

HunterLab(30.3409, 75.5663,
-164.8553)

Have a look what the booklet for
HunterLab(30.3409, 75.5663,
-164.8553) contains.

HunterLab(30.3647, 75.5936, -164.6968)	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(30.3647, 75.5936,
-164.6968)**

Conversions

Conversions Part 1

Format	Color
Hex	5601FF
RGB	86, 1, 255
RGB Percent	34%, 0%, 100%
CMY	0.6627, 0.9962, 0.0000
CMYK	0.66, 1.00, 0.00, 0.00
HSL	260°, 100%, 50%
HSV	260°, 100%, 100%
XYZ	21.8986, 9.2202, 95.2333
YIQ	55.3710, -30.8740, 97.0140

Conversions

Conversions Part 2

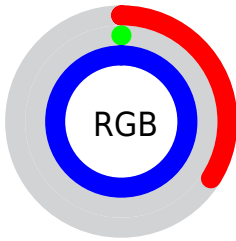
Format	Color
RYB	86, 1, 255
Decimal	5636607
CIELab	36.40, 80.64, -100.91
CIELCh	36, 129.178, 308.629
Yxy	9.2202, 0.1733, 0.0730
Android (android.graphics.Color)	4283826687 (0xFF5601FF)
YUV	55.3710, 98.4171, 26.8616
Hunter-Lab	30.3647, 75.5936, -164.6968

Details

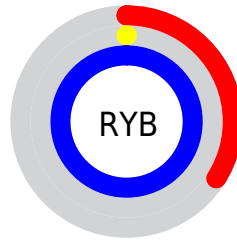
The HunterLab color **30.3647, 75.5936, -164.6968** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **89.4790, -52.1830, 54.2043**, and the grayscale version is **19.3530, -1.0326, 1.0515**.

A 20% lighter version of the original color is **44.3800, 61.5332, -97.9683**, and **19.9638, 54.1517, -141.8510** is the 20% darker color. If you saturate the color by 10%, you get **30.2788, 75.6977, -165.2717**, and if you desaturate by 10%, it is **32.9580, 72.4192, -148.6187**.

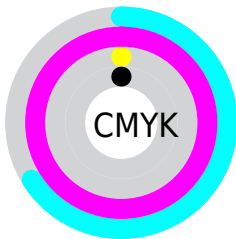
Distribution



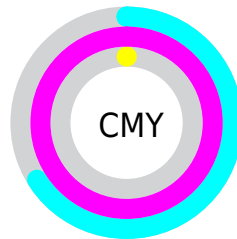
- Red (34%)
- Green (0%)
- Blue (100%)



- Red (34%)
- Yellow (0%)
- Blue (100%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3647, 75.5936, -164.6968 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 30.3647, 75.5936, -164.6968 by changing the saturation by 10% instead.

30.3647, 75.5936,
-164.6968

30.3647, 75.5936,
-164.6968

136.0192, 96.1636,
-151.4656

22.1022, 73.5719,
-176.9496

49.3133, 80.4242,
-153.7447

14.7648, 72.4711,
-200.2986

59.8745, 82.8897,
-151.4534

8.4205, 74.9725,
-254.5000

71.0976, 85.3062,
-150.2546

0.0000, INF, -NF

0.0000, NaN, -NF

82.9457, 87.6502,
-149.7750

0.0000, NaN, -NF

95.3873, 89.9105,
-149.7836

0.0000, NaN, -NF

0.0000, NaN, -NF

108.3954, 92.0830,

-150.1304

121.9464, 94.1670,
-150.7144

30.3647, 75.5936,
-164.6968

30.3647, 75.5936,
-164.6968

30.2788, 75.6977,
-165.2717

32.9580, 72.4192,
-148.6187

36.9634, 65.7690,
-127.8245

42.3148, 56.8802,
-105.4910

48.7582, 47.1965,
-84.1722

56.0563, 37.5205,
-64.8670

■ 64.0236, 28.1719,
-47.6686

■ 72.5246, 19.2231,
-32.3174

■ 81.4613, 10.6453,
-18.4759

■ 90.7624, 2.3785,
-5.8330

Harmonies

Analogous

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



30.3648, 12.8100, -254.3323



30.3647, 75.5936, -164.6968



30.3648, 132.2991, -47.7180

Triad

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



30.3648, 75.5973, -164.6961



30.3648, 37.7629, 21.2553



30.3648, -48.9477, -13.8620

Complementary

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



30.3647, 75.5936, -164.6968



89.4790, -52.1830, 54.2043

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.



30.3648, -47.8766, 19.1007



30.3647, 75.5936, -164.6968



30.3648, -13.7778, 21.2553

Square

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



30.3648, 75.5973, -164.6961



30.3648, 102.8631, 21.2553



30.3648, -39.4436, 21.2553



30.3648, -44.4145, -111.6191

Rectangle

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



30.3647, 75.5936, -164.6968



30.3648, 146.8792, -0.4277



30.3648, -39.4436, 21.2553



30.3648, -49.1523, 3.5959

Sweetspot

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



30.3648, 75.5973, -164.6961



72.1891, 19.5600, -32.8777



60.0820, -8.5929, -56.4888



31.7163, 10.7756, -18.1229

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.3648, 75.5973, -164.6961



30.2788, 75.6977, -165.2717



46.1921, 94.6169, -91.3141



42.0394, 1.0587, -2.6364



22.0527, 54.8726, -118.3586



7.2835, 17.5163, -34.3871

Inverse Universe

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



49.1757, 90.0030, -13.9571



49.1414, 90.0344, -13.8135



84.8779, -71.1978, 51.0353



42.6508, 2.8659, 0.1760



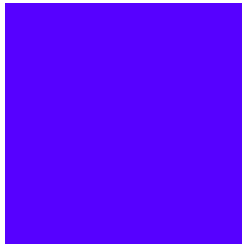
35.5629, 65.2281, -10.5515



11.1882, 20.6806, -4.5573

Previews

White Background



This preview shows how the HunterLab color 30.3647, 75.5936, -164.6968 looks on a white background.

Color Contrast Check

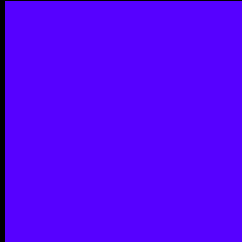
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3647, 75.5936, -164.6968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

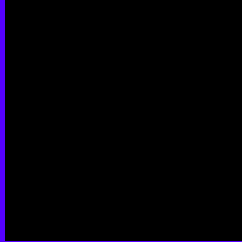
Any Text WCAG AA × Fail

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 30.3647, 75.5936, -164.6968 Background



This preview shows how black text looks on a background with the HunterLab color 30.3647, 75.5936, -164.6968.



This preview shows how white text looks on a background with the HunterLab color 30.3647, 75.5936, -164.6968.

-164.6968.

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

30.3647, 75.5936, -164.6968

Protanopia

30.4658, 10.1446, -59.9790

Deuteranopia

30.5200, -0.7887, -36.4448



Tritanopia

30.5369, -14.9704, -5.8518

Trichromacy



Original Color

30.3647, 75.5936, -164.6968

Protanomaly

26.8275, 37.8008, -109.0600

Deuteranomaly

26.1695, 29.9520, -91.1414

Tritanomaly

24.6929, 17.5480, -62.1470

Monochromacy



Original Color

30.3647, 75.5936, -164.6968

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.7960, 26.1681, -48.5087

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3647, 75.5936, -164.6968 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(86, 1, 255)` looks like.

```
.text, #text, p{  
    color:rgb(86, 1, 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(86, 1, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 1, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3647, 75.5936, -164.6968 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(86, 1, 255) }
```


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

```
.border{ border-color:rgb(86, 1, 255) }
```

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

Here you see how a box with a 4 pixel rgb(86, 1, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 1, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 1, 255);  
box-shadow:4px 4px 4px 4px rgb(86, 1, 255)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3647, 75.5936, -164.6968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 1, 255) }
```

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

```
.background{ background-color: rgb(86, 1,  
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