

Converting Colors

HunterLab(30.2143, 75.4999,
-164.6365)

Have a look what the booklet for
HunterLab(30.2143, 75.4999,
-164.6365) contains.

HunterLab(30.1447, 75.3611, -164.5286)	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(30.1447, 75.3611,
-164.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	5500FE
RGB	85, 0, 254
RGB Percent	33%, 0%, 100%
CMY	0.6666, 1.0000, 0.0039
CMYK	0.67, 1.00, 0.00, 0.00
HSL	260°, 100%, 50%
HSV	260°, 100%, 100%
XYZ	21.6357, 9.0870, 94.3794
YIQ	54.3710, -30.8740, 97.0140

Conversions

Conversions Part 2

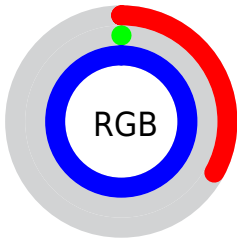
Format	Color
R _Y B	85, 0, 254
Decimal	5570814
CIE Lab	36.15, 80.50, -100.78
CIE LCh	36, 128.982, 308.618
Yxy	9.0875, 0.1729, 0.0726
Android (android.graphics.Color)	4283760894 (0xFF5500FE)
YUV	54.3710, 98.4171, 26.8616
Hunter-Lab	30.1447, 75.3611, -164.5286

Details

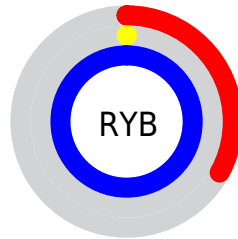
The HunterLab color **30.1447, 75.3611, -164.5286** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **89.0605, -52.0315, 53.9678**, and the grayscale version is **19.0181, -1.0148, 1.0333**.

A 20% lighter version of the original color is **44.2670, 61.3027, -98.3647**, and **19.8498, 53.8425, -141.0409** is the 20% darker color. If you saturate the color by 10%, you get **30.1455, 75.3619, -164.5235**, and if you desaturate by 10%, it is **32.6921, 72.2728, -148.6432**.

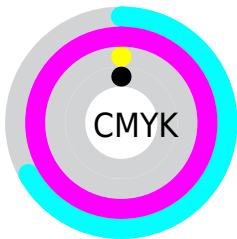
Distribution



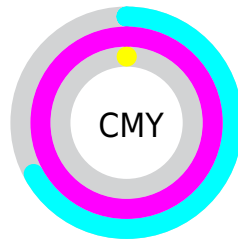
- Red (33%)
- Green (0%)
- Blue (100%)



- Red (33%)
- Yellow (0%)
- Blue (100%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1447, 75.3611, -164.5286 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 30.1447, 75.3611, -164.5286 by changing the saturation by 10% instead.

■ 30.1447, 75.3611, -164.5286	■ 30.1447, 75.3611, -164.5286
135.6575, 95.9096, -151.1512	■ 21.9051, 73.3476, -176.9079
■ 49.0556, 80.1811, -153.4770	■ 14.5925, 72.2759, -200.5776
■ 59.5995, 82.6447, -151.1673	■ 8.2529, 75.1953, -256.6486
■ 70.8064, 85.0598, -149.9574	0.0000, INF, -NF
■ 82.6390, 87.4023, -149.4712	0.0000, NaN, -NF
■ 95.0660, 89.6613, -149.4755	0.0000, NaN, -NF
■ 108.0601, 91.8323,	0.0000, NaN, -NF

-149.8194

121.5976, 93.9146,
-150.4014

30.1447, 75.3611,
-164.5286

30.1447, 75.3611,
-164.5286

30.1455, 75.3619,
-164.5235

32.6921, 72.2728,
-148.6432

36.6256, 65.7680,
-128.0698

41.9071, 56.9734,
-105.8397

48.2847, 47.3461,
-84.5561

55.5208, 37.7072,
-65.2601

■ 63.4288, 28.3879,
-48.0662

■ 71.8723, 19.4663,
-32.7229

■ 80.7524, 10.9158,
-18.8946

■ 89.9974, 2.6774,
-6.2700

Harmonies

Analogous

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



30.1455, 12.7492, -254.1081



30.1447, 75.3611, -164.5286



30.1455, 131.9668, -47.6422

Triad

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



30.1455, 75.3619, -164.5235



30.1455, 37.6684, 21.1019



30.1455, -48.6635, -13.7996

Complementary

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



30.1447, 75.3611, -164.5286



89.0605, -52.0315, 53.9678

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.



30.1455, -47.5886, 18.9893



30.1447, 75.3611, -164.5286



30.1455, -13.7008, 21.1019

Square

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



30.1455, 75.3619, -164.5235



30.1455, 102.6191, 21.1019



30.1455, -39.2284, 21.1019



30.1455, -44.1665, -111.3879

Rectangle

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



30.1447, 75.3611, -164.5286



30.1455, 146.5375, -0.4490



30.1455, -39.2284, 21.1019



30.1455, -48.8686, 3.5912

Sweetspot

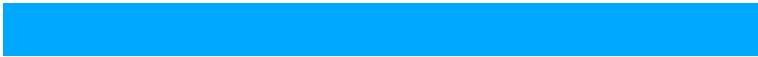
The Sweet Spot groups the original color and five complimentary colors.



30.1455, 75.3619, -164.5235



72.1887, 19.5588, -32.8784



59.7126, -8.4218, -56.4553



31.7161, 10.7749, -18.1233

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.1455, 75.3619, -164.5235



30.2778, 75.6968, -165.2785



45.9384, 94.2473, -91.0615



42.0393, 1.0585, -2.6365



22.0519, 54.8719, -118.3635



7.2832, 17.5160, -34.3886

Inverse Universe

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



48.9235, 89.6372, -13.7682



49.1419, 90.0362, -13.8205



84.4885, -70.9301, 50.8197



42.6508, 2.8660, 0.1757



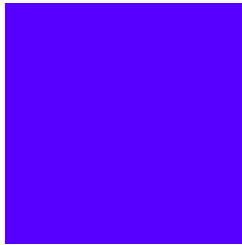
35.5632, 65.2294, -10.5565



11.1883, 20.6809, -4.5587

Previews

White Background



This preview shows how the HunterLab color 30.1447, 75.3611, -164.5286 looks on a white background.

Color Contrast Check

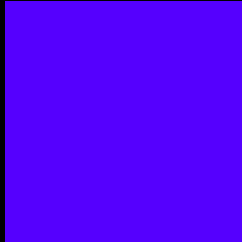
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1447, 75.3611, -164.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

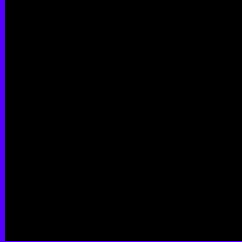
Any Text WCAG AA × Fail

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 30.1447, 75.3611, -164.5286 Background



This preview shows how black text looks on a background with the HunterLab color 30.1447, 75.3611, -164.5286.



This preview shows how white text looks on a background with the HunterLab color 30.1447, 75.3611, -164.5286.

-164.5286.

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

30.1447, 75.3611, -164.5286

Protanopia

30.4015, 9.8168, -59.1908

Deuteranopia

30.4678, -1.0732, -35.7654



Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.1447, 75.3611, -164.5286

Protanomaly

26.7382, 37.4418, -108.1530

Deuteranomaly

26.0872, 29.5995, -90.2580

Tritanomaly

24.4077, 17.7435, -62.1353

Monochromacy



Original Color

30.1447, 75.3611, -164.5286

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4940, 26.1614, -48.5980

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1447, 75.3611, -164.5286 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(85, 0, 254)` looks like.

```
.text, #text, p{  
    color:rgb(85, 0, 254)  
}
```

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(85, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 0, 254) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1447, 75.3611, -164.5286 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(85, 0, 254) }
```


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

```
.border{ border-color:rgb(85, 0, 254) }
```

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

Here you see how a box with a 4 pixel rgb(85, 0, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(85, 0, 254)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1447, 75.3611, -164.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 0, 254) }
```

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

```
.background{ background-color: rgb(85, 0,  
254) }
```

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