

# Converting Colors

HunterLab(25.6600, 64.9071,  
-146.0005)

Have a look what the booklet for  
HunterLab(25.6600, 64.9071,  
-146.0005) contains.

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# Color

**HunterLab(25.6420, 64.9003,  
-146.1237)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4300E0
RGB	67, 0, 224
RGB Percent	26%, 0%, 88%
CMY	0.7372, 1.0000, 0.1216
CMYK	0.70, 1.00, 0.00, 0.12
HSL	258°, 100%, 44%
HSV	258°, 100%, 88%
XYZ	15.7693, 6.5751, 70.9591
YIQ	45.5690, -31.9720, 83.8680

# Conversions

## Conversions Part 2

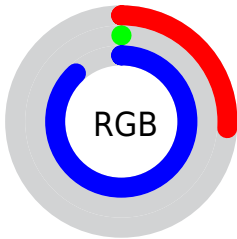
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 0, 224
Decimal	4391136
CIE Lab	30.82, 72.94, -92.67
CIE LCh	31, 117.933, 308.203
Yxy	6.5755, 0.1690, 0.0705
Android (android.graphics.Color)	4282581216 (0xFF4300E0)
YUV	45.5690, 87.9665, 18.7950
Hunter-Lab	25.6420, 64.9003, -146.1237

# Details

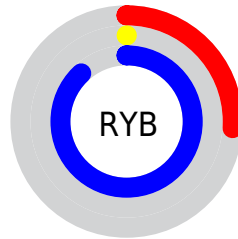
The HunterLab color **25.6420, 64.9003, -146.1237** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **77.7680, -43.0006, 47.1675**, and the grayscale version is **16.1146, -0.8598, 0.8755**.

A 20% lighter version of the original color is **41.3881, 60.3391, -108.9696**, and **16.7034, 45.3078, -118.6844** is the 20% darker color. If you saturate the color by 10%, you get **25.6427, 64.9011, -146.1193**, and if you desaturate by 10%, it is **27.9229, 61.6688, -131.4558**.

# Distribution



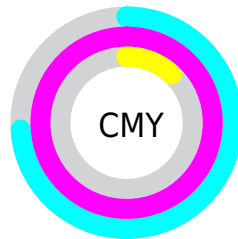
- Red (26%)
- Green (0%)
- Blue (88%)



- Red (26%)
- Yellow (0%)
- Blue (88%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (74%)
- Magenta (100%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.6420, 64.9003, -146.1237 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 25.6420, 64.9003, -146.1237 by changing the saturation by 10% instead.



■ 25.6420, 64.9003,  
-146.1237

■ 25.6420, 64.9003,  
-146.1237

■ 128.0969, 84.1760,  
-133.7933

■ 17.8831, 63.0432,  
-159.3110

■ 43.7195, 69.4900,  
-135.2118

■ 11.1175, 62.3678,  
-186.7995

■ 53.8923, 71.8278,  
-133.1135

■ 3.0135, 133.2841,  
-480.2668

■ 64.7508, 74.1063,  
-132.0990

0.0000, INF, -NF

0.0000, NaN, -NF

■ 76.2540, 76.3035,  
-131.7759

0.0000, NaN, -NF

■ 88.3677, 78.4102,  
-131.9090

0.0000, NaN, -NF

■ 101.0626, 80.4237,

0.0000, NaN, -NF

-132.3496

0.0000, NaN, NaN

114.3131, 82.3449,  
-132.9998

25.6420, 64.9003,  
-146.1237

25.6420, 64.9003,  
-146.1237

25.6427, 64.9011,  
-146.1193

27.9229, 61.6688,  
-131.4558

31.4051, 55.6846,  
-112.8112

36.0619, 47.9018,  
-92.8856

41.6622, 39.5724,  
-73.9948

47.9958, 31.3548,  
-56.9924

■ 54.9010, 23.4877,  
-41.9181

■ 62.2608, 16.0072,  
-28.5114

■ 69.9912, 8.8721,  
-16.4555

■ 78.0316, 2.0208,  
-5.4655

# Harmonies

## Analogous

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



25.6427, 10.4459, -224.3019



25.6420, 64.9003, -146.1237



25.6427, 114.8224, -42.8005

# Triad

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



25.6427, 64.9011, -146.1193



25.6427, 33.5397, 17.9499



25.6427, -42.1356, -11.2648

# Complementary

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



25.6420, 64.9003, -146.1237



77.7680, -43.0006, 47.1675

# 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.



25.6427, -40.9079, 16.4387



25.6420, 64.9003, -146.1237



25.6427, -11.3702, 17.9499

# Square

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



25.6427, 64.9011, -146.1193



25.6427, 90.3001, 17.9499



25.6427, -33.5453, 17.9499



25.6427, -37.9942, -96.2275



# Rectangle

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



25.6420, 64.9003, -146.1237



25.6427, 128.0580, -0.9845



25.6427, -33.5453, 17.9499



25.6427, -42.3308, 3.5678

# Sweetspot

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



25.6427, 64.9011, -146.1193



71.9243, 18.7235, -33.3416



55.4156, -12.8478, -41.5299



31.5761, 10.3420, -18.3850

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



25.6427, 64.9011, -146.1193



29.6111, 75.0919, -169.8716



38.1444, 79.4321, -84.7204



36.6620, 0.7698, -2.2806



19.6968, 49.6351, -110.5547



5.6080, 13.4756, -26.3896



# Inverse Universe

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



42.7567, 78.9146, -16.4988



49.5007, 91.3231, -18.8010



73.4527, -60.7414, 44.1978



37.2319, 2.4973, 0.0165



32.6531, 60.3229, -13.0361



8.6869, 16.2031, -4.6700



# Previews

## White Background



This preview shows how the HunterLab color 25.6420, 64.9003, -146.1237 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

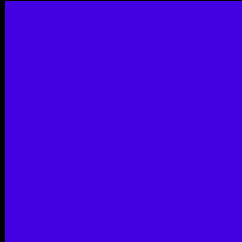
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 25.6420, 64.9003, -146.1237 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 25.6420, 64.9003, -146.1237 Background



This preview shows how black text looks on a background with the HunterLab color 25.6420, 64.9003, -146.1237.



This preview shows how white text looks on a background with the HunterLab color 25.6420, 64.9003, -146.1237.



# 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

25.6420, 64.9003, -146.1237

### Protanopia

26.1472, 7.6439, -49.1827

### Deuteranopia

25.8867, -1.0659, -30.0550



## Tritanopia

25.9282, -12.7588, -4.8653

# Trichromacy



## Original Color

25.6420, 64.9003, -146.1237

## Protanomaly

23.0706, 31.5006, -92.1292

## Deuteranomaly

22.1737, 25.2362, -77.2948

## Tritanomaly

21.1100, 14.8068, -53.2043

# Monochromacy



## Original Color

25.6420, 64.9003, -146.1237

## Achromatopsia

16.5290, -0.8819, 0.8981

## Achromatomaly

16.7651, 22.0857, -42.4680

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.6420, 64.9003, -146.1237 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(67, 0, 224)` looks like.

```
.text, #text, p{  
    color:rgb(67, 0, 224)  
}
```

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(67, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 0, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.6420, 64.9003, -146.1237 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(67, 0, 224) }
```



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

```
.border{ border-color:rgb(67, 0, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 0, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 0, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 0, 224);  
box-shadow:4px 4px 4px 4px rgb(67, 0, 224)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 25.6420, 64.9003, -146.1237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 0, 224) }
```

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

```
.background{ background-color: rgb(67, 0,  
224) }
```

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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