

# Converting Colors

HunterLab(24.6312, 61.9001,  
-136.9378)

Have a look what the booklet for  
HunterLab(24.6312, 61.9001,  
-136.9378) contains.

<b>HunterLab(24.5934, 61.8575, -137.1347)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(24.5934, 61.8575,  
-137.1347)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4300D6
RGB	67, 0, 214
RGB Percent	26%, 0%, 84%
CMY	0.7372, 1.0000, 0.1608
CMYK	0.69, 1.00, 0.00, 0.16
HSL	259°, 100%, 42%
HSV	259°, 100%, 84%
XYZ	14.4524, 6.0484, 64.0242
YIQ	44.4290, -28.7620, 80.7580

# Conversions

## Conversions Part 2

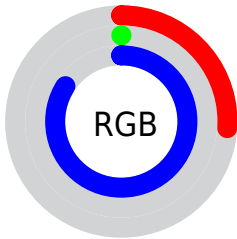
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	67, 0, 214
Decimal	4391126
CIE Lab	29.53, 70.61, -89.05
CIE LCh	30, 113.642, 308.411
Yxy	6.0487, 0.1710, 0.0716
Android (android.graphics.Color)	4282581206 (0xFF4300D6)
YUV	44.4290, 83.5985, 19.7948
Hunter-Lab	24.5934, 61.8575, -137.1347

# Details

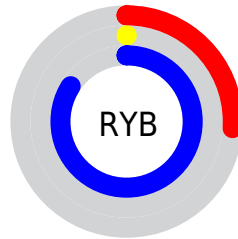
The HunterLab color **24.5934, 61.8575, -137.1347** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **73.6856, -41.5530, 44.6773**, and the grayscale version is **15.7532, -0.8406, 0.8559**.

A 20% lighter version of the original color is **41.0299, 60.4240, -110.3719**, and **15.6023, 42.3213, -110.8610** is the 20% darker color. If you saturate the color by 10%, you get **24.5941, 61.8583, -137.1307**, and if you desaturate by 10%, it is **26.8086, 58.7364, -123.1518**.

# Distribution



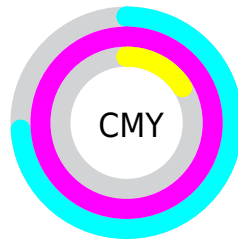
- Red (26%)
- Green (0%)
- Blue (84%)



- Red (26%)
- Yellow (0%)
- Blue (84%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (74%)
- Magenta (100%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5934, 61.8575, -137.1347 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 24.5934, 61.8575, -137.1347 by changing the saturation by 10% instead.



■ 24.5934, 61.8575,  
-137.1347

■ 24.5934, 61.8575,  
-137.1347

■ 126.2961, 80.7111,  
-126.3614

■ 16.9550, 60.0289,  
-149.7734

■ 42.4642, 66.3818,  
-126.9969

■ 10.3280, 59.4267,  
-176.8912

■ 52.5454, 68.6773,  
-125.1422

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.3182, 70.9090,  
-124.3062

0.0000, NaN, -NF

■ 74.7406, 73.0560,  
-124.1133

0.0000, NaN, -NF


■ 86.7776, 75.1101,  
-124.3401


0.0000, NaN, -NF

0.0000, NaN, NaN


■ 99.3992, 77.0696,


-124.8465


 112.5797, 78.9357,  
-125.5409


 24.5934, 61.8575,  
-137.1347


 24.5934, 61.8575,  
-137.1347


 24.5941, 61.8583,  
-137.1307

 26.8086, 58.7364,  
-123.1518

 30.1285, 53.0956,  
-105.7008

 34.5411, 45.7572,  
-87.1166

 39.8345, 37.8759,  
-69.4818

 45.8148, 30.0684,  
-53.5733

■ 52.3324, 22.5668,  
-39.4347

■ 59.2785, 15.4128,  
-26.8341

■ 66.5744, 8.5738,  
-15.4847

■ 74.1633, 1.9957,  
-5.1261

# Harmonies

## Analogous

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



24.5941, 10.2110, -211.1493



24.5934, 61.8575, -137.1347



24.5941, 108.8754, -39.9407

# Triad

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



24.5941, 61.8583, -137.1307



24.5941, 31.4398, 17.2158



24.5941, -40.4021, -11.0320

# Complementary

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



24.5934, 61.8575, -137.1347



73.6856, -41.5530, 44.6773

# 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.



24.5941, -39.2061, 15.6808



24.5934, 61.8575, -137.1347



24.5941, -11.0425, 17.2158

# Square

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



24.5941, 61.8583, -137.1307



24.5941, 85.1418, 17.2158



24.5941, -32.0876, 17.2158



24.5941, -36.2363, -91.5701



# Rectangle

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



24.5934, 61.8575, -137.1347



24.5941, 121.1599, -0.6512



24.5941, -32.0876, 17.2158



24.5941, -40.6109, 3.1751

# Sweetspot

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



24.5941, 61.8583, -137.1307



72.0279, 19.0509, -33.1600



51.5792, -10.6253, -41.5325



31.6309, 10.5116, -18.2824

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



24.5941, 61.8583, -137.1307



29.8644, 75.3189, -168.1045



36.7906, 76.2012, -78.5205



34.9220, 0.7592, -2.1308



19.2484, 48.2087, -105.7410



5.1671, 12.2742, -23.2141



# Inverse Universe

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



40.5000, 74.5582, -14.1441



49.3570, 90.8083, -16.8108



69.7156, -57.9037, 41.9447



35.4449, 2.3303, 0.0872



31.5179, 58.0765, -11.4260

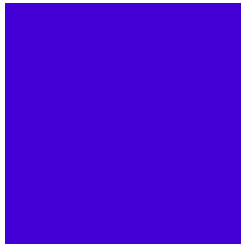


7.8344, 14.5986, -4.0993



# Previews

## White Background



This preview shows how the HunterLab color 24.5934, 61.8575, -137.1347 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

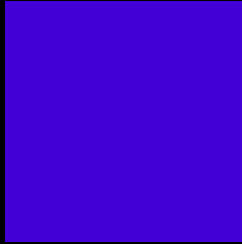
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 24.5934, 61.8575, -137.1347 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

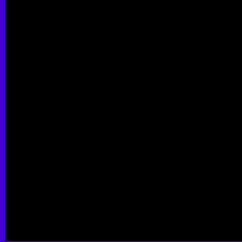
Any Text WCAG AA × Fail

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 24.5934, 61.8575, -137.1347 Background



This preview shows how black text looks on a background with the HunterLab color 24.5934, 61.8575, -137.1347.



This preview shows how white text looks on a background with the HunterLab color 24.5934, 61.8575, -137.1347.

-137.1347.

# 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

24.5934, 61.8575, -137.1347

### Protanopia

25.1010, 7.5516, -47.6758

### Deuteranopia

25.1548, -1.2746, -28.6898



## Tritanopia

24.9641, -12.2530, -4.7522

# Trichromacy



## Original Color

24.5934, 61.8575, -137.1347

## Protanomaly

22.1311, 30.0949, -87.7206

## Deuteranomaly

21.5117, 23.7083, -73.0182

## Tritanomaly

20.2832, 13.9099, -50.0251

# Monochromacy



## Original Color

24.5934, 61.8575, -137.1347

## Achromatopsia

15.8704, -0.8468, 0.8623

## Achromatomaly

16.1282, 20.8377, -39.8242

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.5934, 61.8575, -137.1347 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(67, 0, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 0, 214) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.5934, 61.8575, -137.1347 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, 214) }
```



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

```
.border{ border-color:rgb(67, 0, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(67, 0, 214)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.5934, 61.8575, -137.1347 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, 214) }
```

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

```
.background{ background-color: rgb(67, 0,  
214) }
```

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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