

# Converting Colors

HunterLab(34.1425, 45.3843,  
-125.4156)

Have a look what the booklet for  
HunterLab(34.1425, 45.3843,  
-125.4156) contains.

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# Color

**HunterLab(34.1425, 45.3843,  
-125.4156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B45F3
RGB	59, 69, 243
RGB Percent	23%, 27%, 95%
CMY	0.7686, 0.7294, 0.0471
CMYK	0.76, 0.72, 0.00, 0.05
HSL	237°, 88%, 59%
HSV	237°, 76%, 95%
XYZ	20.1094, 11.6571, 85.9841
YIQ	85.8460, -61.8140, 51.9940

# Conversions

## Conversions Part 2

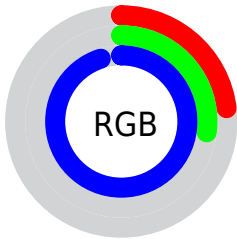
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	59, 68, 243
Decimal	3884531
CIE Lab	40.67, 53.69, -87.16
CIE LCh	41, 102.371, 301.632
Yxy	11.6573, 0.1708, 0.0990
Android (android.graphics.Color)	4282074611 (0xFF3B45F3)
YUV	85.8460, 77.4769, -23.5439
Hunter-Lab	34.1425, 45.3843, -125.4156

# Details

The HunterLab color **34.1425, 45.3843, -125.4156** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **88.1237, -18.7152, 51.1887**, and the grayscale version is **30.1922, -1.6110, 1.6404**.

A 20% lighter version of the original color is **50.4797, 33.5786, -79.4266**, and **20.2869, 44.2445, -120.8680** is the 20% darker color. If you saturate the color by 10%, you get **29.6289, 55.6200, -150.4501**, and if you desaturate by 10%, it is **39.9689, 35.4431, -100.5352**.

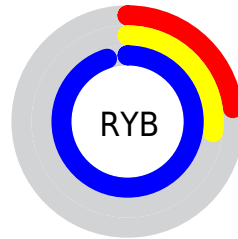
# Distribution



Red (23%)

Green (27%)

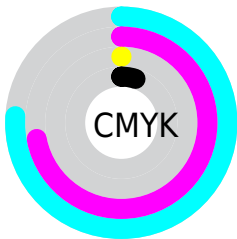
Blue (95%)



Red (23%)

Yellow (27%)

Blue (95%)

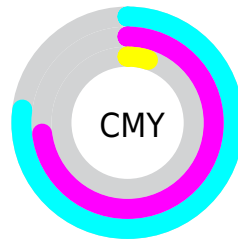


Cyan (76%)

Magenta (72%)

Yellow (0%)

Black (5%)



Cyan (77%)

Magenta (73%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.1425, 45.3843, -125.4156 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 34.1425, 45.3843, -125.4156 by changing the saturation by 10% instead.



■ 34.1425, 45.3843,  
-125.4156

■ 34.1425, 45.3843,  
-125.4156

142.1700, 59.2278,  
-123.6408

■ 25.5162, 43.3778,  
-131.0835

■ 53.7302, 49.1713,  
-120.8857

■ 17.7710, 41.3982,  
-141.9835

■ 64.5784, 50.9059,  
-120.2721

■ 11.0218, 39.7612,  
-165.0721

■ 76.0720, 52.5331,  
-120.2290

■ 2.7157, 94.1008,  
-460.6851

■ 88.1766, 54.0570,  
-120.5578

0.0000, INF, -NF

0.0000, NaN, -NF

■ 100.8627, 55.4830,  
-121.1332

0.0000, NaN, -NF

114.1048, 56.8165,

0.0000, NaN, -NF

-121.8730

0.0000, NaN, -NF

127.8806, 58.0631,  
-122.7218

■ 34.1425, 45.3843,  
-125.4156

■ 34.1425, 45.3843,  
-125.4156

■ 29.6289, 55.6200,  
-150.4501

■ 39.9689, 35.4431,  
-100.5352

■ 26.7441, 64.0936,  
-170.3819

■ 46.7842, 26.6431,  
-78.1660

■ 26.0072, 66.5275,  
-176.1204

■ 54.3415, 19.0818,  
-58.6968

■ 62.4687, 12.5806,  
-41.7664

■ 71.0477, 6.9162,  
-26.8614

■ 79.9965, 1.8944,  
-13.5193

■ 89.2569, -2.6368,  
-1.3722

■ 98.7861, -6.7924,  
9.8603

■ 99.6248, -7.3949,  
10.7950

# Harmonies

## Analogous

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



34.1428, 0.2752, -165.2643



34.1425, 45.3843, -125.4156



34.1428, 88.8054, -50.1710

# Triad

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



34.1428, 45.3870, -125.4148



34.1428, 40.1320, 23.8999



34.1428, -48.3865, -0.1739

# Complementary

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



34.1425, 45.3843, -125.4156



88.1237, -18.7152, 51.1887

# 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.



34.1428, -45.1821, 21.1091



34.1425, 45.3843, -125.4156



34.1428, -3.8729, 23.8999

# Square

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



34.1428, 45.3870, -125.4148



34.1428, 84.9534, 21.8851



34.1428, -32.2410, 23.8999



34.1428, -44.3401, -58.1054



# Rectangle

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



34.1425, 45.3843, -125.4156



34.1428, 104.2461, -9.8409



34.1428, -32.2410, 23.8999



34.1428, -48.1328, 10.4825

# Sweetspot

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



34.1428, 45.3870, -125.4148



77.5210, 5.8382, -24.4880



84.1345, -44.8861, -2.0807



34.3062, 3.6324, -13.7943

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



34.1428, 45.3870, -125.4148



29.3867, 64.1000, -171.6486



38.8165, 62.4254, -104.5072



40.0885, -0.4563, -2.7297



19.4186, 48.6417, -129.2751



6.1744, 12.7535, -35.2486



# Inverse Universe

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



47.5539, 65.4285, 23.4287



46.8993, 77.2349, 28.1873



84.9898, -47.9187, 48.6436



40.6166, 1.5908, 3.1766



32.3729, 55.5079, 20.3885

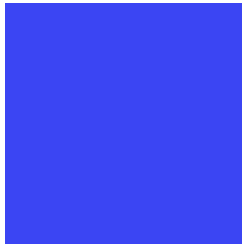


9.6235, 16.5530, 5.6567



# Previews

## White Background



This preview shows how the HunterLab color 34.1425, 45.3843, -125.4156 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

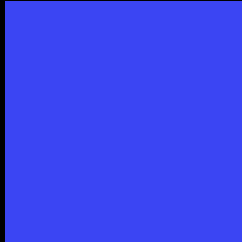
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 34.1425, 45.3843, -125.4156 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

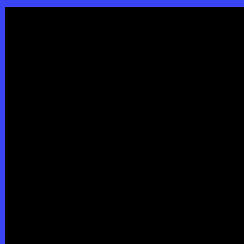
Any Text WCAG AA × Fail

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 34.1425, 45.3843, -125.4156 Background



This preview shows how black text looks on a background with the HunterLab color 34.1425, 45.3843, -125.4156.



This preview shows how white text looks on a background with the HunterLab color 34.1425, 45.3843, -125.4156.

-125.4156.

# 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

34.1425, 45.3843, -125.4156

### Protanopia

33.9184, 11.4400, -67.0907

### Deuteranopia

33.8408, -0.3598, -41.5213



## Tritanopia

33.5753, -16.3520, -6.6669

# Trichromacy



## Original Color

34.1425, 45.3843, -125.4156

## Protanomaly

33.4712, 22.6858, -88.1442

## Deuteranomaly

32.9030, 14.8065, -70.3789

## Tritanomaly

32.1742, 1.8461, -41.4288

# Monochromacy



## Original Color

34.1425, 45.3843, -125.4156

## Achromatopsia

30.5056, -1.6277, 1.6574

## Achromatomaly

30.4253, 10.1590, -31.7145

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 34.1425, 45.3843, -125.4156 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(59, 69, 243)` looks like.

```
.text, #text, p{  
    color:rgb(59, 69, 243)  
}
```

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(59, 69, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 69, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 34.1425, 45.3843, -125.4156 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(59, 69, 243) }
```



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

```
.border{ border-color:rgb(59, 69, 243) }
```

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

Here you see how a box with a 4 pixel rgb(59, 69, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 69, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 69, 243);  
box-shadow:4px 4px 4px 4px rgb(59, 69,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 34.1425, 45.3843, -125.4156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 69, 243) }
```

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

```
.background{ background-color: rgb(59, 69,  
243) }
```

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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