

# Converting Colors

HunterLab(28.5345, 35.0997,  
-93.2932)

Have a look what the booklet for  
HunterLab(28.5345, 35.0997,  
-93.2932) contains.

<b>HunterLab(28.5218, 34.9542, -92.8729)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(28.5218, 34.9542,  
-92.8729)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B3BC6
RGB	59, 59, 198
RGB Percent	23%, 23%, 78%
CMY	0.7686, 0.7686, 0.2235
CMYK	0.70, 0.70, 0.00, 0.22
HSL	240°, 55%, 50%
HSV	240°, 70%, 78%
XYZ	13.5606, 8.1349, 54.2815
YIQ	74.8460, -44.6190, 43.2290

# Conversions

## Conversions Part 2

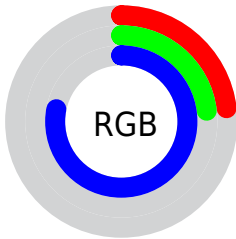
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 59, 198
Decimal	3881926
CIE <sub>Lab</sub>	34.26, 44.62, -71.92
CIE <sub>LCh</sub>	34, 84.641, 301.814
Yxy	8.1351, 0.1785, 0.1071
Android (android.graphics.Color)	4282072006 (0xFF3B3BC6)
YUV	74.8460, 60.7149, -13.8969
Hunter-Lab	28.5218, 34.9542, -92.8729

# Details

The HunterLab color **28.5218, 34.9542, -92.8729** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **72.6006, -18.2072, 41.0385**, and the grayscale version is **26.2725, -1.4018, 1.4274**.

A 20% lighter version of the original color is **47.0057, 38.3653, -89.6958**, and **15.1567, 33.7147, -91.7249** is the 20% darker color. If you saturate the color by 10%, you get **24.4475, 43.1526, -113.7493**, and if you desaturate by 10%, it is **33.6069, 27.1427, -73.0722**.

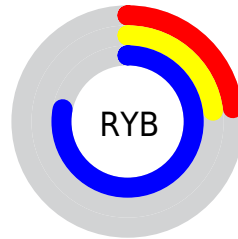
# Distribution



Red (23%)

Green (23%)

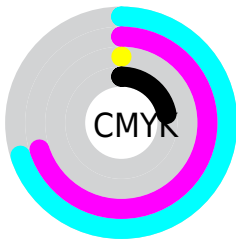
Blue (78%)



Red (23%)

Yellow (23%)

Blue (78%)

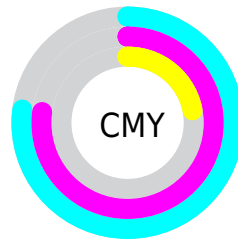


Cyan (70%)

Magenta (70%)

Yellow (0%)

Black (22%)



Cyan (77%)

Magenta (77%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5218, 34.9542, -92.8729 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 28.5218, 34.9542, -92.8729 by changing the saturation by 10% instead.



■ 28.5218, 34.9542,  
-92.8729

■ 28.5218, 34.9542,  
-92.8729

■ 132.9616, 46.6215,  
-94.3857

■ 20.4487, 33.1374,  
-97.1179

■ 47.1411, 38.2965,  
-90.1921

■ 13.3252, 31.3289,  
-106.4202

■ 57.5550, 39.7907,  
-90.1303

■ 6.8695, 33.3789,  
-138.5344

■ 68.6397, 41.1716,  
-90.4707

0.0000, INF, -NF

■ 80.3567, 42.4461,  
-91.0558

0.0000, NaN, -NF

■ 92.6735, 43.6217,  
-91.7904

0.0000, NaN, -NF

■ 105.5624, 44.7054,

0.0000, NaN, NaN

-92.6144

0.0000, NaN, NaN

118.9989, 45.7034,  
-93.4883

■ 28.5218, 34.9542,  
-92.8729

■ 28.5218, 34.9542,  
-92.8729

■ 24.4475, 43.1526,  
-113.7493

■ 33.6069, 27.1427,  
-73.0722

■ 21.6776, 50.2485,  
-131.8874

■ 39.4405, 20.2261,  
-55.6572

■ 20.1924, 54.7714,  
-143.4718

■ 45.8346, 14.2093,  
-40.6184

■ 52.6611, 8.9379,  
-27.5455

■ 59.8329, 4.2445,  
-15.9984

■ 67.2899, -0.0100,  
-5.6109

■ 74.9890, -3.9330,  
3.8976

■ 82.8984, -7.6044,  
12.7374

■ 90.9940, -11.0838,  
21.0645

# Harmonies

## Analogous

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



28.5221, 0.2946, -122.1457



28.5218, 34.9542, -92.8729



28.5221, 67.6578, -37.4946

# Triad

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



28.5221, 34.9560, -92.8721



28.5221, 30.5126, 19.9655



28.5221, -38.9563, -0.2090

# Complementary

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



28.5218, 34.9542, -92.8729



72.6006, -18.2072, 41.0385

# 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.



28.5221, -36.2754, 17.0874



28.5218, 34.9542, -92.8729



28.5221, -3.2970, 19.9655

# Square

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



28.5221, 34.9560, -92.8721



28.5221, 64.4422, 17.8634



28.5221, -25.6871, 19.9655



28.5221, -35.4888, -44.0473



# Rectangle

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



28.5218, 34.9542, -92.8729



28.5221, 79.1216, -7.2470



28.5221, -25.6871, 19.9655



28.5221, -38.7509, 8.2155

# Sweetspot

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



28.5221, 34.9560, -92.8721



78.5391, 6.3112, -22.9145



67.3760, -32.6247, -6.0687



35.0849, 3.7080, -12.5364

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



28.5221, 34.9560, -92.8721



30.4298, 62.5605, -164.4897



34.3992, 47.3937, -70.0585



32.0742, -0.1616, -2.2687



16.2837, 44.1691, -115.6990



3.5435, 9.6114, -25.1746



# Inverse Universe

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



43.8296, 66.0203, -44.0999



54.8188, 99.6771, -66.7856



67.3291, -38.3948, 37.1722



32.8887, 2.5974, -1.1726



32.3400, 63.5805, -42.6468



7.0372, 13.8353, -9.2804



# Previews

## White Background



This preview shows how the HunterLab color 28.5218, 34.9542, -92.8729 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

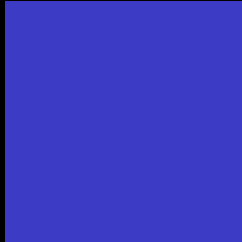
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 28.5218, 34.9542, -92.8729 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

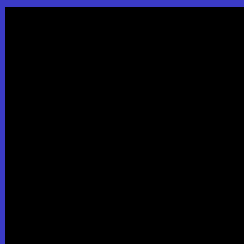
Any Text WCAG AA × Fail

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 28.5218, 34.9542, -92.8729 Background



This preview shows how black text looks on a background with the HunterLab color 28.5218, 34.9542, -92.8729.



This preview shows how white text looks on a background with the HunterLab color 28.5218, 34.9542, -92.8729.



# 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

28.5218, 34.9542, -92.8729

### Deuteranopia

28.3736, -0.8762, -33.5730

### Tritanopia

28.2329, -13.7623, -5.5799

# Trichromacy



## Original Color

28.5218, 34.9542, -92.8729

## Deuteranomaly

27.5591, 10.7328, -54.3801

## Tritanomaly

26.9706, 0.4433, -31.3619

# Monochromacy



## Original Color

28.5218, 34.9542, -92.8729

## Achromatopsia

26.5255, -1.4153, 1.4412

## Achromatomaly

26.2250, 8.3710, -23.8669

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 28.5218, 34.9542, -92.8729 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, 59, 198)` looks like.

```
.text, #text, p{  
    color:rgb(59, 59, 198)  
}
```

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, 59, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 59, 198) }
```

## Border

The CSS property to change the border of an element to HunterLab 28.5218, 34.9542, -92.8729 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, 59, 198) }
```

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

```
.border{ border-color:rgb(59, 59, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 59, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 59, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 59, 198);  
box-shadow:4px 4px 4px 4px rgb(59, 59,  
198) }
```



# Background

The CSS property to change the background color of an element to HunterLab 28.5218, 34.9542, -92.8729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 59, 198) }
```

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

```
.background{ background-color: rgb(59, 59,  
198) }
```

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