

# Converting Colors

HunterLab(34.5357, 5.6304,  
-53.8228)

Have a look what the booklet for  
HunterLab(34.5357, 5.6304,  
-53.8228) contains.

<b>HunterLab(34.6106, 5.4267, -53.4663)</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(34.6106, 5.4267,  
-53.4663)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0E61B5
RGB	14, 97, 181
RGB Percent	5%, 38%, 71%
CMY	0.9450, 0.6196, 0.2902
CMYK	0.92, 0.46, 0.00, 0.29
HSL	210°, 86%, 38%
HSV	210°, 92%, 71%
XYZ	12.7963, 11.9789, 45.3538
YIQ	81.7590, -76.4320, 8.5280

# Conversions

## Conversions Part 2

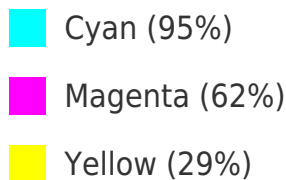
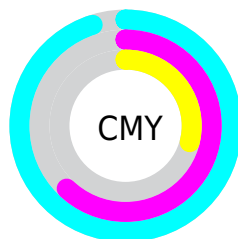
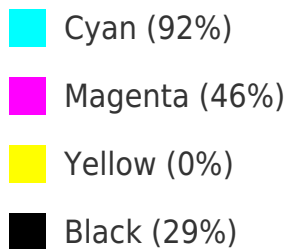
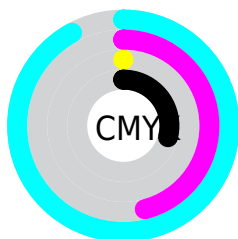
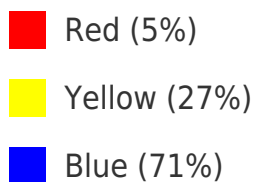
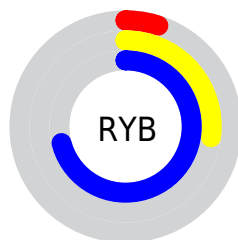
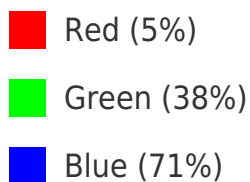
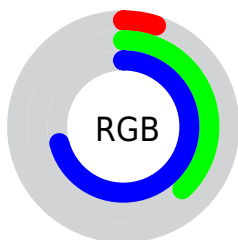
Format	Color
<a href="#">RYB</a>	<a href="#">14, 69, 181</a>
Decimal	<a href="#">942517</a>
CIELab	<a href="#">41.18, 9.79, -50.77</a>
CIELCh	<a href="#">41, 51.708, 280.910</a>
Yxy	<a href="#">11.9793, 0.1825, 0.1708</a>
Android (android.graphics.Color)	<a href="#">4279132597</a> (0xFF0E61B5)
YUV	<a href="#">81.7590, 48.9258, -59.4246</a>
Hunter-Lab	<a href="#">34.6106, 5.4267, -53.4663</a>

# Details

The HunterLab color **34.6106, 5.4267, -53.4663** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **43.1233, 21.8322, 26.3820**, and the grayscale version is **28.8113, -1.5373, 1.5654**.

A 20% lighter version of the original color is **54.2354, 5.2695, -54.0760**, and **19.9707, 10.2669, -47.1250** is the 20% darker color. If you saturate the color by 10%, you get **32.6175, 8.5456, -59.2165**, and if you desaturate by 10%, it is **37.3836, 1.9285, -46.2644**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6106, 5.4267, -53.4663 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 34.6106, 5.4267, -53.4663 by changing the saturation by 10% instead.



 34.6106, 5.4267,  
-53.4663


 34.6106, 5.4267,  
-53.4663

 142.9224, 3.7625,  
-59.4223


 25.9414, 5.2790,  
-53.5873


 54.2746, 5.4691,  
-54.3988


 18.1482, 5.0227,  
-54.7146

 65.1571, 5.3838,  
-55.0961

 11.3439, 4.6309,  
-58.2784

 76.6831, 5.2379,  
-55.8423

 3.6192, 11.5903,  
-113.3453

 88.8184, 5.0370,  
-56.6005

0.0000, NaN, -NF

0.0000, NaN, -NF

 101.5338, 4.7856,  
-57.3486

0.0000, NaN, -NF

 114.8041, 4.4874,

0.0000, NaN, NaN

-58.0732

0.0000, NaN, NaN

128.6069, 4.1455,  
-58.7660

■ 34.6106, 5.4267,  
-53.4663

■ 34.6106, 5.4267,  
-53.4663

■ 32.6175, 8.5456,  
-59.2165

■ 37.3836, 1.9285,  
-46.2644

■ 40.4104, -0.8289,  
-39.2544

■ 43.6715, -2.8741,  
-32.4910

■ 47.1447, -4.2671,  
-26.0028

■ 50.8082, -5.0792,  
-19.7953

■ 54.6424, -5.3821,  
-13.8585

■ 58.6296, -5.2421,  
-8.1733

■ 62.7546, -4.7181,  
-2.7163

■ 67.0043, -3.8612,  
2.5370

# Harmonies

## Analogous

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



34.6111, -13.1248, -50.5246



34.6106, 5.4267, -53.4663



34.6111, 25.8306, -36.6063

# Triad

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



34.6111, 5.4277, -53.4654



34.6111, 30.7427, 17.9046



34.6111, -30.3066, 11.5222

# Complementary

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



34.6106, 5.4267, -53.4663



43.1233, 21.8322, 26.3820

# 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.



34.6111, -22.8779, 19.3131



34.6106, 5.4267, -53.4663



34.6111, 11.0861, 21.3608

# Square

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



34.6111, 5.4277, -53.4654



34.6111, 42.4284, 7.8993



34.6111, -8.5694, 21.6785



34.6111, -31.1752, -5.4525



# Rectangle

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



34.6106, 5.4267, -53.4663



34.6111, 36.7284, -19.9365



34.6111, -8.5694, 21.6785



34.6111, -28.5848, 14.9881

# Sweetspot

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



34.6111, 5.4277, -53.4654



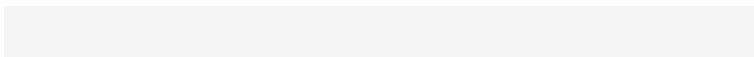
75.1215, -7.1971, -15.6309



58.3217, -44.2566, 23.5376



33.8818, -3.3462, -8.7931



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



34.6111, 5.4277, -53.4654



43.1272, 12.4790, -80.8438



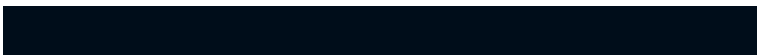
19.3510, 46.1980, -121.2106



29.8403, -2.0979, -0.5375



27.3365, 6.5946, -48.4040



5.9320, -0.7316, -5.8351



# Inverse Universe

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



33.1688, 56.9653, 1.2200



43.4380, 77.3228, 5.3257



65.5008, -17.4484, 39.6789



29.2803, 1.5930, 0.7685



27.0084, 48.1861, 2.4643



4.9123, 8.9868, -1.2786



# Previews

## White Background



This preview shows how the HunterLab color 34.6106, 5.4267, -53.4663 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 34.6106, 5.4267, -53.4663 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

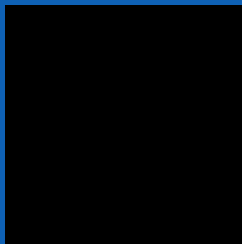
Any Text WCAG AA × Fail

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 34.6106, 5.4267, -53.4663 Background



This preview shows how black text looks on a background with the HunterLab color 34.6106, 5.4267, -53.4663.



This preview shows how white text looks on a background with the HunterLab color 34.6106, 5.4267, -53.4663.



# 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

34.6106, 5.4267, -53.4663

### Protanopia

34.6468, 9.2285, -50.5669

### Deuteranopia

34.6117, 1.8414, -47.2365



## Tritanopia

34.5875, -16.8826, -6.7867

# Trichromacy



## Original Color

34.6106, 5.4267, -53.4663

## Protanomaly

34.4535, 7.3979, -52.0318

## Deuteranomaly

34.5571, 3.4003, -50.0114

## Tritanomaly

34.3467, -9.8356, -21.1727

# Monochromacy



## Original Color

34.6106, 5.4267, -53.4663

## Achromatopsia

29.0476, -1.5499, 1.5782

## Achromatomaly

29.9904, -2.6923, -15.4514

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 34.6106, 5.4267, -53.4663 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(14, 97, 181)` looks like.

```
.text, #text, p{  
    color:rgb(14, 97, 181)  
}
```

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(14, 97, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 97, 181) }
```

## Border

The CSS property to change the border of an element to HunterLab 34.6106, 5.4267, -53.4663 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(14, 97, 181) }
```



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

```
.border{ border-color:rgb(14, 97, 181) }
```

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

Here you see how a box with a 4 pixel rgb(14, 97, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 97, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 97, 181);  
box-shadow:4px 4px 4px 4px rgb(14, 97,  
181) }
```

# Background

The CSS property to change the background color of an element to HunterLab 34.6106, 5.4267, -53.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 97, 181) }
```

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

```
.background{ background-color: rgb(14, 97,  
181) }
```

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