

# Converting Colors

HunterLab(35.4306, -23.0957,  
6.6950)

Have a look what the booklet for  
HunterLab(35.4306, -23.0957,  
6.6950) contains.

<b>HunterLab(35.4306, -23.0957, 6.6950)</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> .....	31

# Color

**HunterLab(35.4306,  
-23.0957, 6.6950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B7156
RGB	11, 113, 86
RGB Percent	4%, 44%, 34%
CMY	0.9568, 0.5569, 0.6627
CMYK	0.90, 0.00, 0.24, 0.56
HSL	164°, 82%, 24%
HSV	164°, 90%, 44%
XYZ	7.7228, 12.5533, 10.8201
YIQ	79.4240, -52.1250, -30.0210

# Conversions

## Conversions Part 2

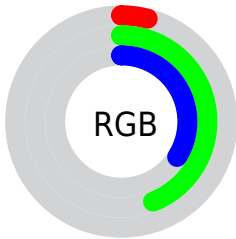
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	11, 70, 113
Decimal	749910
CIE Lab	42.08, -33.79, 7.50
CIE LCh	42, 34.616, 167.478
Yxy	12.5538, 0.2484, 0.4037
Android (android.graphics.Color)	4278939990 (0xFF0B7156)
YUV	79.4240, 3.2420, -60.0078
Hunter-Lab	35.4306, -23.0957, 6.6950

# Details

The HunterLab color **35.4306, -23.0957, 6.6950** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19.7239, 31.3668, 7.1887**, and the grayscale version is **28.1184, -1.5003, 1.5277**.

A 20% lighter version of the original color is **55.3802, -28.5132, 8.6889**, and **19.5624, -13.8532, 5.4537** is the 20% darker color. If you saturate the color by 10%, you get **35.2655, -23.9043, 7.5237**, and if you desaturate by 10%, it is **35.6453, -22.0882, 5.8601**.

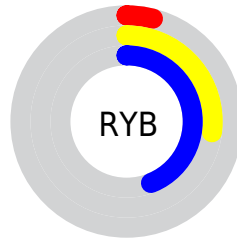
# Distribution



Red (4%)

Green (44%)

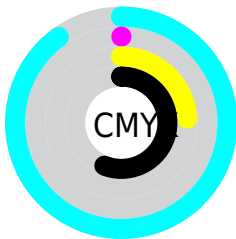
Blue (34%)



Red (4%)

Yellow (27%)

Blue (44%)

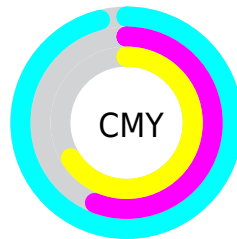


Cyan (90%)

Magenta (0%)

Yellow (24%)

Black (56%)



Cyan (96%)

Magenta (56%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4306, -23.0957, 6.6950 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 35.4306, -23.0957, 6.6950 by changing the saturation by 10% instead.



■ 35.4306, -23.0957,  
6.6950

■ 35.4306, -23.0957,  
6.6950

144.2351,  
-44.5484, 15.8232

■ 26.6871, -20.1575,  
5.7208

■ 55.2266, -28.4334,  
8.6424

■ 18.8109, -16.9355,  
4.7302

■ 66.1685, -30.9206,  
9.6267

■ 11.9118, -14.1551,  
3.7004

■ 77.7506, -33.3229,  
10.6226

■ 4.8021, -8.4037,  
3.3615

■ 89.9393, -35.6579,  
11.6319

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.7056,  
-37.9388, 12.6559

0.0000, NaN, NaN

■ 116.0247,

0.0000, NaN, NaN

-40.1759, 13.6954

0.0000, NaN, NaN

129.8744,  
-42.3769, 14.7511

35.4306, -23.0957,  
6.6950

35.4306, -23.0957,  
6.6950

35.2655, -23.9043,  
7.5237

35.6453, -22.0882,  
5.8601

35.9396, -20.7609,  
5.0848

36.3211, -19.0961,  
4.3832

36.7949, -17.0873,  
3.7672

37.3641, -14.7382,  
3.2458

■ 38.0305, -12.0606,  
2.8260

■ 38.7944, -9.0729,  
2.5121

■ 39.6552, -5.7983,  
2.3064

■ 40.6111, -2.2631,  
2.2090

# Harmonies

## Analogous

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



35.4313, -18.4604, 14.5061



35.4306, -23.0957, 6.6950



35.4313, -22.6768, -5.9606

# Triad

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



35.4313, -23.0959, 6.6953



35.4313, 5.9118, -28.9745



35.4313, 16.5837, 15.3348

# Complementary

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



35.4306, -23.0957, 6.6950



19.7239, 31.3668, 7.1887

# 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.



35.4313, 25.1650, 8.3386



35.4306, -23.0957, 6.6950



35.4313, 18.4210, -18.1393

# Square

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



35.4313, -23.0959, 6.6953



35.4313, -7.1379, -29.9188



35.4313, 25.8820, -3.6089



35.4313, 3.6771, 18.1491



# Rectangle

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



35.4306, -23.0957, 6.6950



35.4313, -19.5880, -15.7519



35.4313, 25.8820, -3.6089



35.4313, 20.1455, 13.5383

# Sweetspot

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



35.4313, -23.0959, 6.6953



51.1372, -15.1627, 3.6614



35.0012, -26.7124, 20.5632



24.4741, -7.7571, 1.8180



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208



# Same Dimension

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



35.4313, -23.0959, 6.6953



47.1669, -32.1298, 10.4046



29.0553, -9.6355, -14.1458



19.4957, -2.6297, 1.1216



37.5546, -25.4860, 8.0769



83.7304, -57.4217, 19.3013



# Inverse Universe

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



19.7239, 31.3668, 7.1887



25.3655, 44.0207, 11.8829



21.7387, 23.2626, 12.9384



18.4788, 0.6733, 0.9839



20.2118, 35.1220, 9.1174



44.9723, 77.8775, 22.3852



# Previews

## White Background



This preview shows how the HunterLab color 35.4306, -23.0957, 6.6950 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 35.4306, -23.0957, 6.6950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

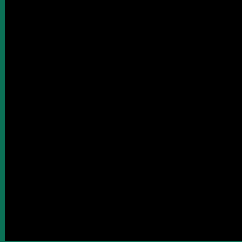
Any Text WCAG AA × Fail

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 35.4306, -23.0957, 6.6950 Background



This preview shows how black text looks on a background with the HunterLab color 35.4306, -23.0957, 6.6950.



This preview shows how white text looks on a background with the HunterLab color 35.4306,

-23.0957, 6.6950.

# 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

35.4306, -23.0957, 6.6950

### Protanopia

35.3432, -2.7661, 9.3209

### Deuteranopia

35.1672, 2.5121, 5.4060



**Tritanopia**

35.5508, -14.5065, -6.9323

# Trichromacy



## Original Color

35.4306, -23.0957, 6.6950

## Protanomaly

34.4230, -13.1983, 7.2310

## Deuteranomaly

34.2343, -10.6048, 4.5409

## Tritanomaly

35.2695, -17.9115, -1.5030

# Monochromacy



## Original Color

35.4306, -23.0957, 6.6950

## Achromatopsia

27.9620, -1.4920, 1.5192

## Achromatomaly

29.7920, -11.4810, 2.2702

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.4306, -23.0957, 6.6950 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(11, 113, 86)` looks like.

```
.text, #text, p{  
    color:rgb(11, 113, 86)  
}
```

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(11, 113, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 113, 86) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.4306, -23.0957, 6.6950 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(11, 113, 86) }
```



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

```
.border{ border-color:rgb(11, 113, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 113, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 113, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 113, 86);  
box-shadow:4px 4px 4px 4px rgb(11, 113,  
86) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.4306, -23.0957, 6.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 113, 86) }
```

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

```
.background{ background-color: rgb(11, 113,  
86) }
```

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