

# Converting Colors

HunterLab(39.5535, -5.2680,  
23.5313)

Have a look what the booklet for  
HunterLab(39.5535, -5.2680,  
23.5313) contains.

<b>HunterLab(39.4325, -5.0584, 23.4725)</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(39.4325, -5.0584,  
23.4725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D6E10
RGB	125, 110, 16
RGB Percent	49%, 43%, 6%
CMY	0.5098, 0.5686, 0.9372
CMYK	0.00, 0.12, 0.87, 0.51
HSL	52°, 77%, 28%
HSV	52°, 87%, 49%
XYZ	14.1269, 15.5492, 2.7469
YIQ	103.7690, 39.1140, -26.0540

# Conversions

## Conversions Part 2

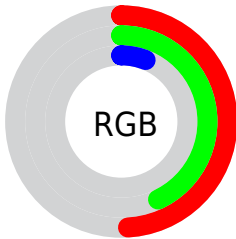
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 125, 16
Decimal	8220176
CIELab	46.38, -4.02, 48.89
CIELCh	46, 49.054, 94.697
Yxy	15.5500, 0.4357, 0.4796
Android (android.graphics.Color)	4286410256 (0xFF7D6E10)
YUV	103.7690, -43.2701, 18.6196
Hunter-Lab	39.4325, -5.0584, 23.4725

# Details

The HunterLab color **39.4325, -5.0584, 23.4725** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16.0339, 20.9846, -61.4966**, and the grayscale version is **37.2678, -1.9885, 2.0248**.

A 20% lighter version of the original color is **59.7961, -6.4126, 30.9885**, and **22.2098, -3.1024, 13.6312** is the 20% darker color. If you saturate the color by 10%, you get **38.9264, -4.5235, 23.7538**, and if you desaturate by 10%, it is **39.9670, -5.4649, 22.8547**.

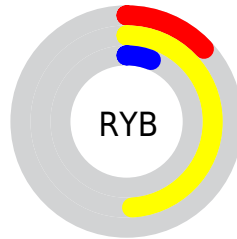
# Distribution



Red (49%)

Green (43%)

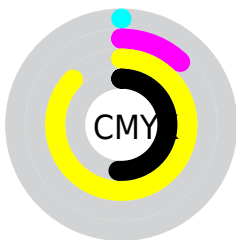
Blue (6%)



Red (13%)

Yellow (49%)

Blue (6%)

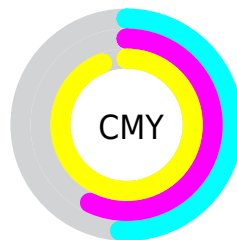


Cyan (0%)

Magenta (12%)

Yellow (87%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.4325, -5.0584, 23.4725 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 39.4325, -5.0584, 23.4725 by changing the saturation by 10% instead.



■ 39.4325, -5.0584,  
23.4725

■ 39.4325, -5.0584,  
23.4725

150.5561,  
-12.6991, 52.9840

■ 30.3418, -4.3195,  
19.3496

■ 59.8458, -6.6033,  
30.9960

■ 22.0816, -3.5968,  
15.4571

■ 71.0672, -7.4079,  
34.4747

■ 14.7468, -2.8863,  
10.3227

■ 82.9136, -8.2349,  
37.8075

■ 8.4032, -2.5317,  
5.8822

■ 95.3537, -9.0841,  
41.0186

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.3603, -9.9555,  
44.1275

0.0000, NaN, NaN

■ 121.9099,

0.0000, NaN, NaN

-10.8486, 47.1500

0.0000, NaN, NaN

■ 135.9813,  
-11.7632, 50.0986

■ 39.4325, -5.0584,  
23.4725

■ 39.4325, -5.0584,  
23.4725

■ 38.9264, -4.5235,  
23.7538

■ 39.9670, -5.4649,  
22.8547

■ 38.7856, -4.3686,  
23.8230

■ 40.5332, -5.7025,  
21.8074

■ 41.1343, -5.7608,  
20.3030

■ 41.7715, -5.6320,  
18.3240

■ 42.4458, -5.3111,  
15.8610

■ 43.1578, -4.7958,  
12.9111

■ 43.9076, -4.0861,  
9.4769

■ 44.6953, -3.1835,  
5.5652

■ 45.5206, -2.0911,  
1.1863

# Harmonies

## Analogous

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



39.4334, 14.7965, 22.4372



39.4325, -5.0584, 23.4725



39.4334, -20.8603, 21.3883

# Triad

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



39.4334, -5.0600, 23.4728



39.4334, -27.9220, -23.2753



39.4334, 36.7585, -15.8324

# Complementary

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



39.4325, -5.0584, 23.4725



16.0339, 20.9846, -61.4966

# 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.



39.4334, 20.9773, -38.5745



39.4325, -5.0584, 23.4725



39.4334, -16.5681, -44.1148

# Square

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



39.4334, -5.0600, 23.4728



39.4334, -32.3671, -0.8137



39.4334, 0.9372, -50.7419



39.4334, 41.4262, 4.8935



# Rectangle

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



39.4325, -5.0584, 23.4725



39.4334, -27.7613, 17.4368



39.4334, 0.9372, -50.7419



39.4334, 32.4478, -23.7559

# Sweetspot

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



39.4334, -5.0600, 23.4728



57.8092, -6.3708, 17.0342



21.9929, 33.8143, 10.3916



27.4413, -3.1448, 8.6860



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



39.4334, -5.0600, 23.4728



51.7520, -5.6040, 31.7912



40.8945, -22.0513, 24.1020



22.1850, -1.6794, 3.1643



39.6148, -4.4480, 24.3326

0.0000, NaN, NaN



# Inverse Universe

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



16.0339, 20.9846, -61.4966



18.0079, 37.1237, -102.6477



16.2477, 31.0735, -60.2442



20.7361, -0.5390, -0.9944



14.0117, 27.3590, -76.5737

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 39.4325, -5.0584, 23.4725 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 39.4325, -5.0584, 23.4725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

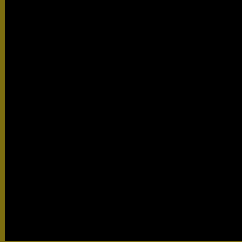
Any Text WCAG AA × Fail

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 39.4325, -5.0584, 23.4725 Background



This preview shows how black text looks on a background with the HunterLab color 39.4325, -5.0584, 23.4725.



This preview shows how white text looks on a background with the HunterLab color 39.4325, -5.0584,



# 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

39.4325, -5.0584, 23.4725

### Protanopia

39.3375, -5.3966, 23.4062

### Deuteranopia

39.2939, 2.6651, 23.2608



## Tritanopia

39.3114, 8.0602, 2.1156

# Trichromacy



## Original Color

39.4325, -5.0584, 23.4725

## Protanomaly

39.3375, -5.3966, 23.4062

## Deuteranomaly

39.2727, -0.0814, 23.2681

## Tritanomaly

39.1051, 1.9039, 13.7629

# Monochromacy



## Original Color

39.4325, -5.0584, 23.4725

## Achromatopsia

37.2064, -1.9852, 2.0215

## Achromatomaly

37.7103, -4.4307, 13.5201

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.4325, -5.0584, 23.4725 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(125, 110, 16)` looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 16)  
}
```

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(125, 110, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 16) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.4325, -5.0584, 23.4725 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(125, 110, 16) }
```



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

```
.border{ border-color:rgb(125, 110, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 110, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 110, 16);  
box-shadow:4px 4px 4px 4px rgb(125, 110,  
16) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.4325, -5.0584, 23.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 16) }
```

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

```
.background{ background-color: rgb(125,  
110, 16) }
```

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