

# Converting Colors

HunterLab(36.5313, -5.6836,  
22.4109)

Have a look what the booklet for  
HunterLab(36.5313, -5.6836,  
22.4109) contains.

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# Color

**HunterLab(36.5313, -5.6836,  
22.4109)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736700
RGB	115, 103, 0
RGB Percent	45%, 40%, 0%
CMY	0.5490, 0.5961, 1.0000
CMYK	0.00, 0.10, 1.00, 0.55
HSL	54°, 100%, 23%
HSV	54°, 100%, 45%
XYZ	11.9205, 13.3454, 1.9476
YIQ	94.8460, 40.2150, -29.4890

# Conversions

## Conversions Part 2

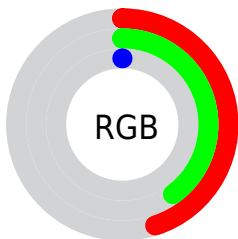
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	13, 115, 0
Decimal	7563008
CIE Lab	43.28, -5.24, 49.90
CIE LCh	43, 50.173, 95.992
Yxy	13.3460, 0.4380, 0.4904
Android (android.graphics.Color)	4285753088 (0xFF736700)
YUV	94.8460, -46.7591, 17.6751
Hunter-Lab	36.5313, -5.6836, 22.4109

# Details

The HunterLab color **36.5313, -5.6836, 22.4109** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **12.2508, 25.5662, -70.5008**, and the grayscale version is **33.9298, -1.8104, 1.8435**.

A 20% lighter version of the original color is **56.5540, -7.5990, 30.2335**, and **19.9575, -3.5051, 12.2364** is the 20% darker color. If you saturate the color by 10%, you get **36.5320, -5.6849, 22.4113**, and if you desaturate by 10%, it is **36.8941, -6.0017, 22.0951**.

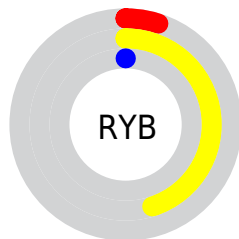
# Distribution



Red (45%)

Green (40%)

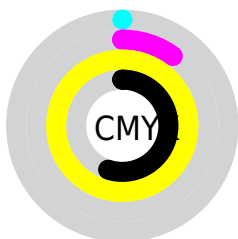
Blue (0%)



Red (5%)

Yellow (45%)

Blue (0%)

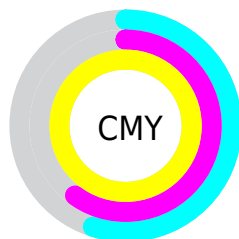


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5313, -5.6836, 22.4109 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 36.5313, -5.6836, 22.4109 by changing the saturation by 10% instead.



36.5313, -5.6836,  
22.4109

36.5313, -5.6836,  
22.4109

145.9875,  
-13.7966, 52.8209

27.6898, -4.8691,  
18.2631

56.5013, -7.3583,  
30.2139

19.7047, -4.0600,  
13.7933

67.5219, -8.2205,  
33.8096

12.6815, -3.2464,  
8.8770

79.1782, -9.1013,  
37.2470

6.0259, -4.1093,  
4.2182

91.4375, -10.0014,  
40.5523

0.0000, NaN, NaN

0.0000, NaN, NaN

104.2712,  
-10.9209, 43.7469

0.0000, NaN, NaN

117.6549,

0.0000, NaN, NaN

-11.8599, 46.8477

0.0000, NaN, NaN

131.5668,  
-12.8185, 49.8685

36.5313, -5.6836,  
22.4109

36.5313, -5.6836,  
22.4109

36.5320, -5.6849,  
22.4113

36.8941, -6.0017,  
22.0951

37.2721, -6.2359,  
21.5678

37.6775, -6.3245,  
20.6639

38.1124, -6.2552,  
19.3532

38.5784, -6.0193,  
17.6153

■ 39.0768, -5.6108,  
15.4367

■ 39.6082, -5.0263,  
12.8106

■ 40.1734, -4.2640,  
9.7348

■ 40.7725, -3.3243,  
6.2117

# Harmonies

## Analogous

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



36.5322, 14.1222, 21.6151



36.5313, -5.6836, 22.4109



36.5322, -21.0271, 20.4064

# Triad

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



36.5322, -5.6851, 22.4112



36.5322, -27.0476, -24.8772



36.5322, 37.7415, -15.1530

# Complementary

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



36.5313, -5.6836, 22.4109



12.2508, 25.5662, -70.5008

# 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.



36.5322, 22.0766, -38.7524



36.5313, -5.6836, 22.4109



36.5322, -15.6511, -46.0930

# Square

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



36.5322, -5.6851, 22.4112



36.5322, -31.6333, -1.8261



36.5322, 1.9389, -52.1623



36.5322, 41.9132, 5.4316



# Rectangle

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



36.5313, -5.6836, 22.4109



36.5322, -27.5582, 16.5689



36.5322, 1.9389, -52.1623



36.5322, 33.5089, -23.2591

# Sweetspot

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



36.5322, -5.6851, 22.4112



52.9447, -6.7968, 17.4437



19.1705, 32.9857, 11.1680



25.7417, -3.4573, 9.1189



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

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



36.5322, -5.6851, 22.4112



48.7714, -7.4281, 29.9226



36.8753, -22.3056, 22.3316



20.5041, -1.6204, 2.9415



39.0375, -6.0424, 23.9490



85.7471, -12.6680, 52.6152



# Inverse Universe

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



12.2508, 25.5662, -70.5008



16.0566, 35.5135, -96.7329



13.3241, 32.1051, -63.4018



19.0939, -0.4273, -0.9429



13.0271, 27.6087, -75.8819



27.6364, 65.3805, -175.6809



# Previews

## White Background



This preview shows how the HunterLab color 36.5313, -5.6836, 22.4109 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

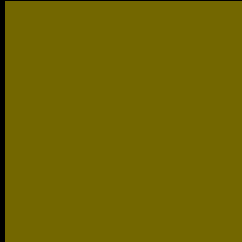
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 36.5313, -5.6836, 22.4109 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

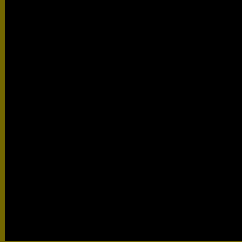
Any Text WCAG AA × Fail

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 36.5313, -5.6836, 22.4109 Background



This preview shows how black text looks on a background with the HunterLab color 36.5313, -5.6836, 22.4109.



This preview shows how white text looks on a background with the HunterLab color 36.5313, -5.6836,



# 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

36.5313, -5.6836, 22.4109

### Protanopia

36.6244, -5.3504, 22.4741

### Deuteranopia

36.3945, 2.0342, 21.8414



## Tritanopia

36.6196, 6.6740, 1.9057

# Trichromacy



## Original Color

36.5313, -5.6836, 22.4109

## Protanomaly

36.6244, -5.3504, 22.4741

## Deuteranomaly

36.3680, -0.7319, 22.0224

## Tritanomaly

36.3854, 0.3610, 14.0280

# Monochromacy



## Original Color

36.5313, -5.6836, 22.4109

## Achromatopsia

33.8283, -1.8050, 1.8380

## Achromatomaly

34.4766, -5.1284, 13.8028

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.5313, -5.6836, 22.4109 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(115, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 0)  
}
```

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(115, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.5313, -5.6836, 22.4109 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(115, 103, 0) }
```



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

```
.border{ border-color:rgb(115, 103, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 103, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 103,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.5313, -5.6836, 22.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 0) }
```

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

```
.background{ background-color: rgb(115,  
103, 0) }
```

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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