

Converting Colors

HunterLab(35.1602, 63.7783,
-4.9179)

Have a look what the booklet for
HunterLab(35.1602, 63.7783,
-4.9179) contains.

HunterLab(35.1245, 63.7417, -5.1313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(35.1245, 63.7417,
-5.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0074
RGB	191, 0, 116
RGB Percent	75%, 0%, 45%
CMY	0.2510, 0.9999, 0.5451
CMYK	0.00, 1.00, 0.39, 0.25
HSL	324°, 100%, 37%
HSV	324°, 100%, 75%
XYZ	24.6382, 12.3373, 17.6058
YIQ	70.3330, 76.6000, 76.5680

Conversions

Conversions Part 2

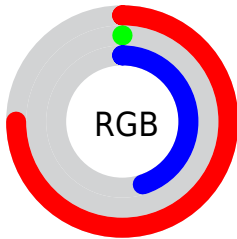
Format	Color
R_YB	191, 0, 116
Decimal	12517492
CIE Lab	41.75, 69.89, -9.39
CIE LCh	42, 70.521, 352.346
Yxy	12.3380, 0.4514, 0.2260
Android (android.graphics.Color)	4290707572 (0xFFBF0074)
YUV	70.3330, 22.5138, 105.8250
Hunter-Lab	35.1245, 63.7417, -5.1313

Details

The HunterLab color **35.1245, 63.7417, -5.1313** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **61.4575, -49.7455, 30.5716**, and the grayscale version is **24.7759, -1.3220, 1.3461**.

A 20% lighter version of the original color is **54.9347, 68.0865, -4.9404**, and **23.0714, 41.3194, 0.8857** is the 20% darker color. If you saturate the color by 10%, you get **35.1241, 63.7402, -5.1255**, and if you desaturate by 10%, it is **36.0406, 62.3702, -7.7987**.

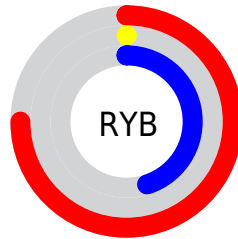
Distribution



Red (75%)

Green (0%)

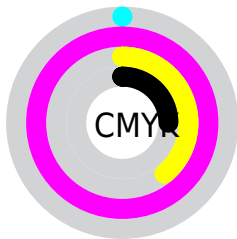
Blue (45%)



Red (75%)

Yellow (0%)

Blue (45%)

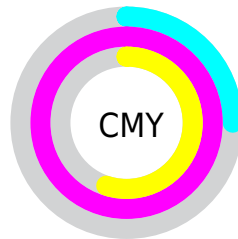


Cyan (0%)

Magenta (100%)

Yellow (39%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.1245, 63.7417, -5.1313 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 35.1245, 63.7417, -5.1313 by changing the saturation by 10% instead.

35.1245, 63.7417,
-5.1313

35.1245, 63.7417,
-5.1313

143.7464, 81.7525,
-2.8237

26.4089, 61.4922,
-5.0892

54.8719, 68.3089,
-4.9936

18.5635, 59.5252,
-4.9630

65.7918, 70.5050,
-4.8309

11.6996, 58.4678,
-4.7423

77.3530, 72.6124,
-4.6129

4.3995, 89.0919,
-8.6104

89.5219, 74.6255,
-4.3439

0.0000, INF, NaN

0.0000, NaN, NaN

102.2693, 76.5436,
-4.0276

0.0000, NaN, NaN

115.5703, 78.3686,

0.0000, NaN, NaN

-3.6671

0.0000, NaN, NaN

129.4025, 80.1037,
-3.2651

■ 35.1245, 63.7417,
-5.1313

■ 35.1245, 63.7417,
-5.1313

■ 35.1241, 63.7402,
-5.1255

■ 36.0406, 62.3702,
-7.7987

■ 37.5716, 59.1199,
-9.7002

■ 39.8562, 53.8138,
-10.5529

■ 42.8725, 46.9178,
-10.3716

■ 46.5550, 38.9904,
-9.2912

■ 50.8208, 30.5126,
-7.4917

■ 55.5866, 21.8248,
-5.1452

■ 60.7774, 13.1355,
-2.3935

■ 66.3293, 4.5558,
0.6564

Harmonies

Analogous

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



35.1255, 47.8921, -42.0953



35.1245, 63.7417, -5.1313



35.1255, 58.3191, 15.7407

Triad

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



35.1255, 63.7382, -5.1301



35.1255, -19.1336, 23.7907



35.1255, -27.7720, -61.6244

Complementary

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



35.1245, 63.7417, -5.1313



61.4575, -49.7455, 30.5716

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.



35.1255, -37.5198, -21.7828



35.1245, 63.7417, -5.1313



35.1255, -33.6548, 20.4475

Square

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



35.1255, 63.7382, -5.1301



35.1255, 5.1280, 24.3415



35.1255, -39.2995, 7.7432



35.1255, -8.3710, -87.2067

Rectangle

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



35.1245, 63.7417, -5.1313



35.1255, 43.9455, 21.3458



35.1255, -39.2995, 7.7432



35.1255, -32.0200, -48.4916

Sweetspot

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



35.1255, 63.7382, -5.1301



74.0631, 29.7813, -7.0542



22.7772, 55.5129, -113.2973



33.4012, 16.2871, -3.9639



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



35.1255, 63.7382, -5.1301



46.9537, 85.1135, -6.1229



33.3709, 57.3206, 20.1897



31.0340, 1.8675, 0.3998



28.5025, 51.7749, -4.5546



5.7510, 10.6416, -2.4306

Inverse Universe

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



35.1255, 63.7382, -5.1301



46.9537, 85.1135, -6.1229



63.3371, -38.2237, 3.3499



31.0340, 1.8675, 0.3998



28.5025, 51.7749, -4.5546



5.7510, 10.6416, -2.4306

Previews

White Background



This preview shows how the HunterLab color 35.1245, 63.7417, -5.1313 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 35.1245, 63.7417, -5.1313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

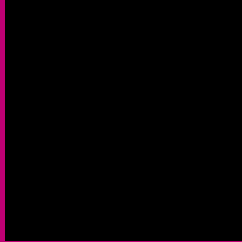
Any Text WCAG AA × Fail

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 35.1245, 63.7417, -5.1313 Background



This preview shows how black text looks on a background with the HunterLab color 35.1245, 63.7417, -5.1313.



This preview shows how white text looks on a background with the HunterLab color 35.1245, 63.7417, -5.1313.

-5.1313.

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

35.1245, 63.7417, -5.1313

Protanopia

36.2391, 6.3719, -36.5820

Deuteranopia

36.0641, 2.5124, -1.0577



Tritanopia

35.6707, 47.5843, 18.3431

Trichromacy



Original Color

35.1245, 63.7417, -5.1313

Protanomaly

30.7816, 29.9785, -34.4727

Deuteranomaly

31.6168, 29.7693, -8.1987

Tritanomaly

34.6958, 54.2570, 11.8525

Monochromacy



Original Color

35.1245, 63.7417, -5.1313

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.7837, 25.7573, -5.8485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.1245, 63.7417, -5.1313 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(191, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 116)  
}
```

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(191, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 35.1245, 63.7417, -5.1313 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(191, 0, 116) }
```


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

```
.border{ border-color:rgb(191, 0, 116) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.1245, 63.7417, -5.1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 116) }
```

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

```
.background{ background-color: rgb(191, 0,  
116) }
```

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