

Converting Colors

HunterLab(45.0269, 1.7777,
-36.3254)

Have a look what the booklet for
HunterLab(45.0269, 1.7777,
-36.3254) contains.

HunterLab(45.0735, 1.8071, -36.2745)	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(45.0735, 1.8071,
-36.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	557DBE
RGB	85, 125, 190
RGB Percent	33%, 49%, 75%
CMY	0.6666, 0.5098, 0.2549
CMYK	0.55, 0.34, 0.00, 0.25
HSL	217°, 45%, 54%
HSV	217°, 55%, 75%
XYZ	20.3742, 20.3162, 51.5627
YIQ	120.4500, -44.7050, 11.7350

Conversions

Conversions Part 2

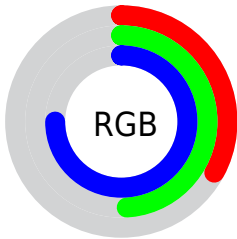
Format	Color
R _Y B	85, 114, 190
Decimal	5602750
CIE Lab	52.19, 5.30, -38.32
CIE LCh	52, 38.682, 277.881
Yxy	20.3169, 0.2209, 0.2202
Android (android.graphics.Color)	4283792830 (0xFF557DBE)
YUV	120.4500, 34.2882, -31.0896
Hunter-Lab	45.0735, 1.8071, -36.2745

Details

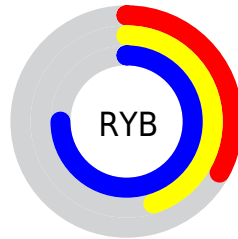
The HunterLab color $45.0735, 1.8071, -36.2745$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $57.8076, 3.1506, 26.8601$, and the grayscale version is $43.3975, -2.3156, 2.3579$.

A 20% lighter version of the original color is $66.1985, 1.4345, -37.9961$, and $26.8771, 1.8877, -34.7881$ is the 20% darker color. If you saturate the color by 10%, you get $40.9144, 4.6317, -45.3024$, and if you desaturate by 10%, it is $49.4827, -0.3221, -27.8854$.

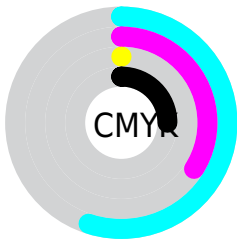
Distribution



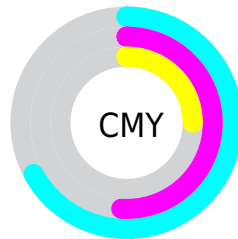
- Red (33%)
- Green (49%)
- Blue (75%)



- Red (33%)
- Yellow (45%)
- Blue (75%)



- Cyan (55%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.0735, 1.8071, -36.2745 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 45.0735, 1.8071, -36.2745 by changing the saturation by 10% instead.

■ 45.0735, 1.8071,
-36.2745

■ 45.0735, 1.8071,
-36.2745

■ 159.2563, -2.1519,
-41.0330

■ 35.5325, 2.0077,
-35.6598

■ 66.2932, 1.2329,
-37.5812

■ 26.7792, 2.1394,
-35.1817

■ 77.8822, 0.8702,
-38.2072

■ 18.8929, 2.1898,
-35.0531

■ 90.0774, 0.4626,
-38.7949

■ 11.9823, 2.1396,
-35.8473

■ 102.8500, 0.0135,
-39.3382

■ 4.9280, 4.4266,
-51.9618

■ 116.1750, -0.4746,
-39.8343

0.0000, NaN, -NF

130.0305, -0.9995,

0.0000, NaN, -NF

-40.2820

0.0000, NaN, NaN

144.3967, -1.5591,
-40.6813

0.0000, NaN, NaN

■ 45.0735, 1.8071,
-36.2745

■ 45.0735, 1.8071,
-36.2745

■ 40.9144, 4.6317,
-45.3024

■ 49.4827, -0.3221,
-27.8854

■ 37.0439, 8.2571,
-55.0001

■ 54.1057, -1.8615,
-20.0762

■ 33.5097, 12.7667,
-65.3222

■ 58.9158, -2.9046,
-12.7722

■ 30.3610, 18.1723,
-76.1070

■ 63.8903, -3.5308,
-5.9008

■ 28.9854, 20.9347,
-81.4212

■ 69.0108, -3.8062,
0.6040

■ 74.2624, -3.7845,
6.8001

■ 79.6325, -3.5099,
12.7368

■ 85.1106, -3.0183,
18.4556

■ 90.5827, -2.7032,
23.8830

Harmonies

Analogous

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



45.0743, -13.2214, -33.0857



45.0735, 1.8071, -36.2745



45.0743, 17.6688, -26.6107

Triad

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



45.0743, 1.8073, -36.2734



45.0743, 23.9829, 16.7657



45.0743, -27.1053, 11.9832

Complementary

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



45.0735, 1.8071, -36.2745



57.8076, 3.1506, 26.8601

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.



45.0743, -19.4879, 19.7450



45.0735, 1.8071, -36.2745



45.0743, 9.5331, 21.7745

Square

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



45.0743, 1.8073, -36.2734



45.0743, 31.5663, 6.2165



45.0743, -6.4729, 22.6382



45.0743, -28.5844, -1.6647

Rectangle

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



45.0735, 1.8071, -36.2745



45.0743, 26.1186, -15.6431



45.0743, -6.4729, 22.6382



45.0743, -25.2336, 15.2081

Sweetspot

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



45.0743, 1.8073, -36.2734



84.6406, -4.6238, -9.7646



63.9943, -34.8784, 12.1861



39.0209, -2.0962, -5.4470



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.



45.0743, 1.8073, -36.2734



54.1044, 7.0336, -63.2782



35.7364, 24.8729, -58.3675



31.3131, -1.7469, -0.9430



23.9322, 16.3542, -65.2173



5.9290, 0.7465, -9.0221

Inverse Universe

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



43.5037, 39.5185, 1.0554



53.1772, 64.2686, 3.4418



68.4972, -19.9152, 34.4190



30.9756, 1.5544, 1.2300



27.5824, 48.4272, 8.5872



5.5754, 10.0091, 0.0279

Previews

White Background



This preview shows how the HunterLab color 45.0735, 1.8071, -36.2745 looks on a white background.

Color Contrast Check

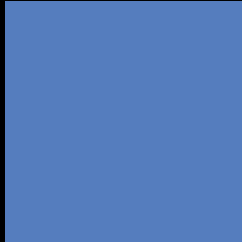
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.0735, 1.8071, -36.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

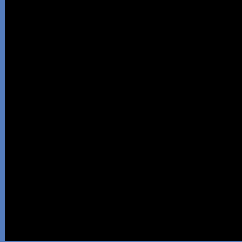
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 45.0735, 1.8071, -36.2745 Background



This preview shows how black text looks on a background with the HunterLab color 45.0735, 1.8071, -36.2745.

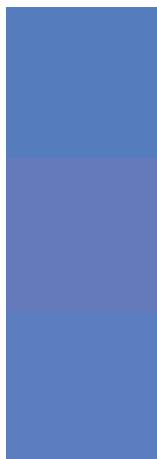


This preview shows how white text looks on a background with the HunterLab color 45.0735, 1.8071, -36.2745.

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

45.0735, 1.8071, -36.2745

Protanopia

45.0262, 5.6290, -34.0636

Deuteranopia

45.1189, 3.3956, -36.1543



Tritanopia

45.0816, -15.4624, -7.7226

Trichromacy



Original Color

45.0735, 1.8071, -36.2745

Protanomaly

44.9774, 4.1527, -34.9292

Deuteranomaly

45.0076, 3.0224, -36.3877

Tritanomaly

45.0129, -9.8781, -16.8490

Monochromacy



Original Color

45.0735, 1.8071, -36.2745

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.6912, -2.3742, -9.4713

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.0735, 1.8071, -36.2745 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(85, 125, 190)` looks like.

```
.text, #text, p{  
    color:rgb(85, 125, 190)  
}
```

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(85, 125, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 125, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 45.0735, 1.8071, -36.2745 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(85, 125, 190) }
```


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

```
.border{ border-color:rgb(85, 125, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 125, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 125, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 125, 190);  
box-shadow:4px 4px 4px 4px rgb(85, 125,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.0735, 1.8071, -36.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 125, 190) }
```

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

```
.background{ background-color: rgb(85, 125,  
190) }
```

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