

Converting Colors

HunterLab(45.6404, 4.8826,
-43.7373)

Have a look what the booklet for
HunterLab(45.6404, 4.8826,
-43.7373) contains.

HunterLab(45.6241, 4.7540, -43.6135)	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(45.6241, 4.7540,
-43.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	557DC9
RGB	85, 125, 201
RGB Percent	33%, 49%, 79%
CMY	0.6666, 0.5098, 0.2118
CMYK	0.58, 0.38, 0.00, 0.21
HSL	219°, 52%, 56%
HSV	219°, 58%, 79%
XYZ	21.6225, 20.8156, 58.1366
YIQ	121.7040, -48.2360, 15.1560

Conversions

Conversions Part 2

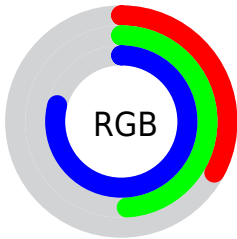
Format	Color
R _Y B	85, 115, 201
Decimal	5602761
CIE Lab	52.75, 8.91, -43.72
CIE LCh	53, 44.621, 281.513
Yxy	20.8163, 0.2150, 0.2070
Android (android.graphics.Color)	4283792841 (0xFF557DC9)
YUV	121.7040, 39.0929, -32.1894
Hunter-Lab	45.6241, 4.7540, -43.6135

Details

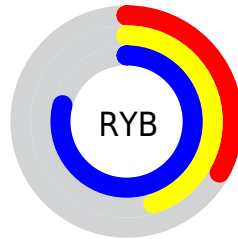
The HunterLab color $45.6241, 4.7540, -43.6135$ is a dark color, and the websafe version is hex $6699FF$. The color can be described as middle muted azure. A complement of this color would be $62.1007, 1.9098, 30.0931$, and the grayscale version is $43.8676, -2.3407, 2.3834$.

A 20% lighter version of the original color is $66.7113, 3.9294, -42.9072$, and $27.3024, 4.3943, -42.1543$ is the 20% darker color. If you saturate the color by 10%, you get $41.0963, 8.4013, -54.2521$, and if you desaturate by 10%, it is $50.4508, 1.9110, -33.8194$.

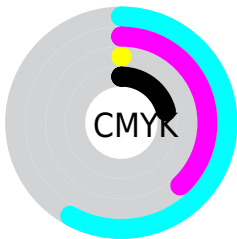
Distribution



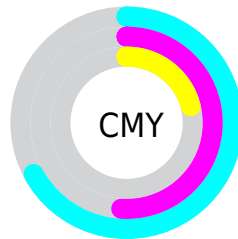
- Red (33%)
- Green (49%)
- Blue (79%)



- Red (33%)
- Yellow (45%)
- Blue (79%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (67%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.6241, 4.7540, -43.6135 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 45.6241, 4.7540, -43.6135 by changing the saturation by 10% instead.

■ 45.6241, 4.7540,
-43.6135

■ 45.6241, 4.7540,
-43.6135

160.0939, 2.1936,
-49.1489

■ 36.0413, 4.7564,
-43.0465

■ 66.9190, 4.5417,
-44.9806

■ 27.2425, 4.6747,
-42.7178

■ 78.5425, 4.3459,
-45.6794

■ 19.3056, 4.4930,
-42.9280

■ 90.7704, 4.0978,
-46.3560

■ 12.3373, 4.1865,
-44.4657

■ 103.5742, 3.8013,
-46.9992

■ 5.5155, 6.7417,
-60.4836

116.9292, 3.4600,
-47.6027

0.0000, NaN, -NF

0.0000, NaN, -NF

130.8134, 3.0767,

-48.1631

0.0000, NaN, NaN

145.2075, 2.6539,
-48.6786

0.0000, NaN, NaN

■ 45.6241, 4.7540,
-43.6135

■ 45.6241, 4.7540,
-43.6135

■ 41.0963, 8.4013,
-54.2521

■ 50.4508, 1.9110,
-33.8194

■ 36.9195, 12.9723,
-65.7649

■ 55.5298, -0.2546,
-24.7880

■ 33.1587, 18.5422,
-78.0497

■ 60.8263, -1.8557,
-16.4147

■ 29.8723, 25.0380,
-90.8313

■ 66.3124, -2.9882,
-8.5979

■ 29.1739, 26.5877,
-93.8601

■ 71.9653, -3.7309,
-1.2467

■ 77.7669, -4.1473,
5.7173

■ 83.7023, -4.2890,
12.3597

■ 89.7594, -4.1972,
18.7349

■ 94.8123, -7.7944,
23.7309

Harmonies

Analogous

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



45.6249, -13.0035, -41.6671



45.6241, 4.7540, -43.6135



45.6249, 23.1294, -30.1052

Triad

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



45.6249, 4.7544, -43.6124



45.6249, 26.8101, 19.4871



45.6249, -31.0894, 11.8219

Complementary

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



45.6241, 4.7540, -43.6135



62.1007, 1.9098, 30.0931

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.



45.6249, -23.3770, 21.0299



45.6241, 4.7540, -43.6135



45.6249, 9.1886, 24.1080

Square

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



45.6249, 4.7544, -43.6124



45.6249, 37.1313, 8.6364



45.6249, -9.2086, 24.5330



45.6249, -31.8938, -4.6672

Rectangle

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



45.6241, 4.7540, -43.6135



45.6249, 32.5441, -16.4008



45.6249, -9.2086, 24.5330



45.6249, -29.2827, 15.6706

Sweetspot

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



45.6249, 4.7544, -43.6124



87.1110, -3.9665, -10.7845



68.0128, -37.6257, 12.0969



39.6154, -1.7182, -5.9261

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.6249, 4.7544, -43.6124



52.4962, 12.2324, -74.2893



36.8286, 29.1758, -65.7562



32.9781, -1.6864, -1.1346



23.4656, 20.2177, -72.9742



6.2934, 1.7254, -11.5908

Inverse Universe

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



45.1622, 43.6428, 3.1206



53.6138, 68.4910, 6.9179



72.5057, -22.9975, 37.2463



32.7052, 1.6141, 1.4349



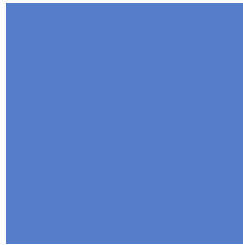
28.4532, 49.7399, 10.5343



6.3008, 11.2237, 0.7118

Previews

White Background



This preview shows how the HunterLab color 45.6241, 4.7540, -43.6135 looks on a white background.

Color Contrast Check

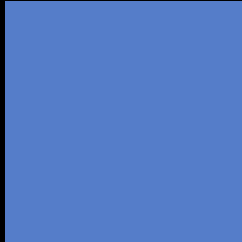
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.6241, 4.7540, -43.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

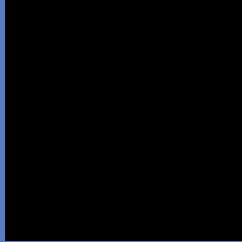
Any Text WCAG AA ✓ Pass

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 45.6241, 4.7540, -43.6135 Background



This preview shows how black text looks on a background with the HunterLab color 45.6241, 4.7540, -43.6135.

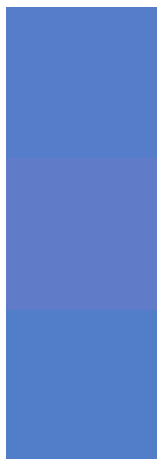


This preview shows how white text looks on a background with the HunterLab color 45.6241, 4.7540, -43.6135.

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

45.6241, 4.7540, -43.6135

Protanopia

45.5810, 7.2322, -42.0705

Deuteranopia

45.7522, 3.7493, -43.3511



Tritanopia

45.5759, -16.6212, -8.1172

Trichromacy



Original Color

45.6241, 4.7540, -43.6135

Protanomaly

45.6736, 6.2331, -42.6812

Deuteranomaly

45.8015, 3.9141, -43.2407

Tritanomaly

45.4226, -9.4422, -19.8967

Monochromacy



Original Color

45.6241, 4.7540, -43.6135

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.3300, -1.1702, -11.8632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.6241, 4.7540, -43.6135 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(85, 125, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 125, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 45.6241, 4.7540, -43.6135 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, 201) }
```


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

```
.border{ border-color:rgb(85, 125, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 125, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 125, 201);  
box-shadow:4px 4px 4px 4px rgb(85, 125,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.6241, 4.7540, -43.6135 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, 201) }
```

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

```
.background{ background-color: rgb(85, 125,  
201) }
```

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