

Converting Colors

HunterLab(45.8836, -3.1672,
-8.5239)

Have a look what the booklet for
HunterLab(45.8836, -3.1672,
-8.5239) contains.

HunterLab(45.8836, -3.1672, -8.5239)	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(45.8836, -3.1672,
-8.5239)

Conversions

Conversions Part 1

Format	Color
Hex	708095
RGB	112, 128, 149
RGB Percent	44%, 50%, 58%
CMY	0.5608, 0.4980, 0.4157
CMYK	0.25, 0.14, 0.00, 0.42
HSL	214°, 15%, 51%
HSV	214°, 25%, 58%
XYZ	19.8261, 21.0530, 31.4525
YIQ	125.6100, -16.2770, 3.1390

Conversions

Conversions Part 2

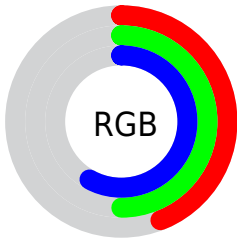
Format	Color
R_{YB}	112, 123, 149
Decimal	7372949
CIE _{Lab}	53.01, -0.92, -13.23
CIE _{LCh}	53, 13.262, 266.039
Yxy	21.0539, 0.2741, 0.2911
Android (android.graphics.Color)	4285563029 (0xFF708095)
YUV	125.6100, 11.5313, -11.9360
Hunter-Lab	45.8836, -3.1672, -8.5239

Details

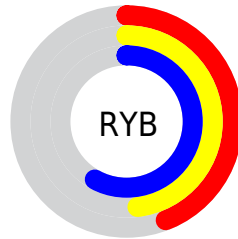
The HunterLab color $45.8836, -3.1672, -8.5239$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49.3301, -0.5449, 11.9626$, and the grayscale version is $45.4860, -2.4270, 2.4713$.

A 20% lighter version of the original color is $67.2696, -4.6477, -8.4279$, and $27.4419, -2.1623, -8.0942$ is the 20% darker color. If you saturate the color by 10%, you get $42.4748, -2.7725, -13.5667$, and if you desaturate by 10%, it is $49.4089, -3.2588, -3.7322$.

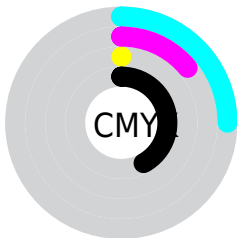
Distribution



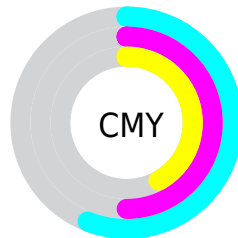
- Red (44%)
- Green (50%)
- Blue (58%)



- Red (44%)
- Yellow (48%)
- Blue (58%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (56%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.8836, -3.1672, -8.5239 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 45.8836, -3.1672, -8.5239 by changing the saturation by 10% instead.

■ 45.8836, -3.1672,
-8.5239

■ 45.8836, -3.1672,
-8.5239

■ 160.4883, -9.6623,
-6.9989

■ 36.2814, -2.6006,
-8.4021

■ 67.2140, -4.4050,
-8.5587

■ 27.4612, -2.0703,
-8.2042

■ 78.8536, -5.0714,
-8.4845

■ 19.5007, -1.5794,
-7.9249

■ 91.0968, -5.7679,
-8.3551

■ 12.5055, -1.1309,
-7.5699

■ 103.9153, -6.4932,
-8.1745

■ 5.7711, -1.0000,
-9.5733

■ 117.2844, -7.2462,
-7.9458

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 131.1821, -8.0259,

-7.6720

0.0000, NaN, NaN

145.5892, -8.8316,
-7.3557

0.0000, NaN, NaN

■ 45.8836, -3.1672,
-8.5239

■ 45.8836, -3.1672,
-8.5239

■ 42.4748, -2.7725,
-13.5667

■ 49.4089, -3.2588,
-3.7322

■ 39.1937, -2.0212,
-18.8981

■ 53.0360, -3.0893,
0.8393

■ 36.0580, -0.8542,
-24.5505

■ 56.7560, -2.6959,
5.2219

■ 33.0874, 0.7944,
-30.5496

■ 60.5605, -2.1092,
9.4425

■ 30.3047, 2.9913,
-36.9043

■ 64.4424, -1.3545,
13.5246

■ 27.7351, 5.7930,
-43.5928

■ 68.3956, -0.4530,
17.4884

■ 25.4016, 9.2181,
-50.5547

■ 72.4149, 0.5777,
21.3513

■ 24.2618, 11.1253,
-54.3415

■ 76.4959, 1.7229,
25.1279

■ 80.6344, 2.9699,
28.8311

Harmonies

Analogous

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



45.8845, -8.1237, -6.5005



45.8836, -3.1672, -8.5239



45.8845, 2.2100, -7.3229

Triad

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



45.8845, -3.1678, -8.5231



45.8845, 7.2844, 6.6364



45.8845, -10.7714, 7.6934

Complementary

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



45.8836, -3.1672, -8.5239



49.3301, -0.5449, 11.9626

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.



45.8845, -6.9326, 10.5356



45.8836, -3.1672, -8.5239



45.8845, 3.5120, 9.9768

Square

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



45.8845, -3.1678, -8.5231



45.8845, 8.4055, 1.8081



45.8845, -1.7292, 11.3208



45.8845, -12.3830, 3.1766

Rectangle

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



45.8836, -3.1672, -8.5239



45.8845, 5.2872, -4.9238



45.8845, -1.7292, 11.3208



45.8845, -9.7076, 8.8550

Sweetspot

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



45.8845, -3.1678, -8.5231



69.8411, -4.2149, -0.2665



51.6068, -15.3887, 6.0498



32.7623, -1.9914, -0.2691



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



45.8845, -3.1678, -8.5231



58.7478, -3.9875, -15.2609



41.6745, 5.1087, -14.6841



24.5374, -1.5230, -0.5397



22.3856, 9.9297, -49.4155



3.4367, -0.6250, -2.9464

Inverse Universe

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



44.2007, 11.8387, 0.0484



56.1443, 20.5545, -0.5559



53.6891, -8.7717, 16.0004



24.1962, 1.1726, 0.8316



23.8731, 42.2301, 4.9867



2.7475, 5.0570, -0.9520

Previews

White Background



This preview shows how the HunterLab color 45.8836, -3.1672, -8.5239 looks on a white background.

Color Contrast Check

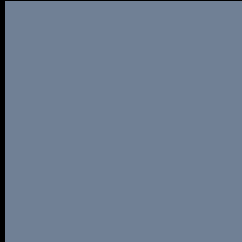
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8836, -3.1672, -8.5239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

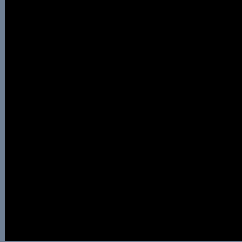
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

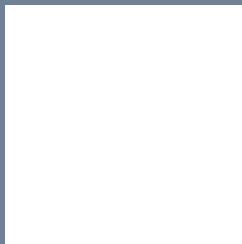
Any Text WCAG AAA × Fail

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

HunterLab 45.8836, -3.1672, -8.5239 Background



This preview shows how black text looks on a background with the HunterLab color 45.8836, -3.1672, -8.5239.



This preview shows how white text looks on a background with the HunterLab color 45.8836, -3.1672, -8.5239.

-8.5239.

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

45.8836, -3.1672, -8.5239

Protanopia

45.7290, 0.4870, -7.6032

Deuteranopia

45.6946, 3.3979, -9.2228



Tritanopia

46.0149, -6.2528, -3.7241

Trichromacy



Original Color

45.8836, -3.1672, -8.5239

Protanomaly

45.7290, -0.8743, -8.1628

Deuteranomaly

45.8332, 1.0506, -9.0653

Tritanomaly

45.8947, -5.0035, -5.3789

Monochromacy



Original Color

45.8836, -3.1672, -8.5239

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.7875, -3.0261, -1.0444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.8836, -3.1672, -8.5239 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(112, 128, 149)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 149)  
}
```

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(112, 128, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 45.8836, -3.1672, -8.5239 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(112, 128, 149) }
```


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

```
.border{ border-color:rgb(112, 128, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 149);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.8836, -3.1672, -8.5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 149) }
```

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

```
.background{ background-color: rgb(112,  
128, 149) }
```

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