

Converting Colors

HunterLab(45.0946, -7.0386,
-13.6866)

Have a look what the booklet for
HunterLab(45.0946, -7.0386,
-13.6866) contains.

HunterLab(45.0832, -6.9726, -13.7059)	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(45.0832, -6.9726,
-13.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	5B819C
RGB	91, 129, 156
RGB Percent	36%, 51%, 61%
CMY	0.6431, 0.4941, 0.3882
CMYK	0.42, 0.17, 0.00, 0.39
HSL	205°, 26%, 48%
HSV	205°, 42%, 61%
XYZ	18.1654, 20.3249, 34.4182
YIQ	120.7160, -31.3150, 0.3410

Conversions

Conversions Part 2

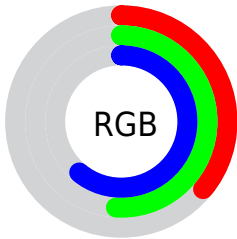
Format	Color
R _Y B	91, 115, 156
Decimal	5996956
CIE _{Lab}	52.20, -5.97, -18.65
CIE _{LCh}	52, 19.581, 252.252
Y _{xy}	20.3257, 0.2492, 0.2788
Android (android.graphics.Color)	4284187036 (0xFF5B819C)
Y _{UV}	120.7160, 17.3950, -26.0609
Hunter-Lab	45.0832, -6.9726, -13.7059

Details

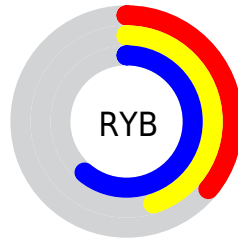
The HunterLab color $45.0832, -6.9726, -13.7059$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $45.5857, 6.6740, 15.3327$, and the grayscale version is $43.5604, -2.3243, 2.3667$.

A 20% lighter version of the original color is $66.3990, -8.7005, -14.2673$, and $26.8115, -5.2759, -13.1252$ is the 20% darker color. If you saturate the color by 10%, you get $42.3795, -6.9502, -18.0110$, and if you desaturate by 10%, it is $47.9211, -6.5785, -9.5011$.

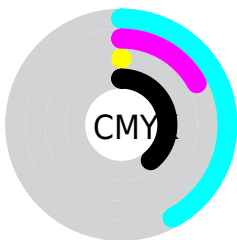
Distribution



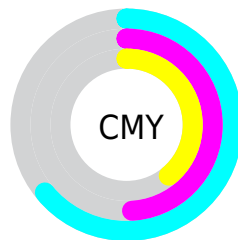
- Red (36%)
- Green (51%)
- Blue (61%)



- Red (36%)
- Yellow (45%)
- Blue (61%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.0832, -6.9726, -13.7059 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 45.0832, -6.9726, -13.7059 by changing the saturation by 10% instead.

■ 45.0832, -6.9726,
-13.7059

■ 45.0832, -6.9726,
-13.7059

159.2712,
-15.5404, -13.8944

■ 35.5416, -6.1005,
-13.3815

■ 66.3043, -8.7567,
-14.1478

■ 26.7874, -5.2360,
-12.9904

■ 77.8939, -9.6723,
-14.2729

■ 18.9003, -4.3714,
-12.5457

■ 90.0897, -10.6051,
-14.3388

■ 11.9886, -3.4915,
-12.1033

■ 102.8628,
-11.5557, -14.3491

■ 4.9390, -5.5297,
-17.0074

116.1884,
-12.5244, -14.3070

0.0000, NaN, -NF

0.0000, NaN, NaN

130.0444,

-13.5115, -14.2154

0.0000, NaN, NaN

144.4112,
-14.5168, -14.0771

0.0000, NaN, NaN

■ 45.0832, -6.9726,
-13.7059

■ 45.0832, -6.9726,
-13.7059

■ 42.3795, -6.9502,
-18.0110

■ 47.9211, -6.5785,
-9.5011

■ 39.8189, -6.4636,
-22.4099

■ 50.8797, -5.8127,
-5.4019

■ 37.4139, -5.4696,
-26.8849

■ 53.9495, -4.7181,
-1.4055

■ 35.1749, -3.9345,
-31.4103

■ 57.1214, -3.3330,
2.4927

■ 33.1091, -1.8451,
-35.9547

■ 60.3871, -1.6913,
6.2992

■ 31.4914, 0.2072,
-39.8088

■ 63.7392, 0.1773,
10.0216

■ 67.1711, 2.2471,
13.6674

■ 70.6771, 4.4960,
17.2443

■ 74.2519, 6.9049,
20.7596

Harmonies

Analogous

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



45.0841, -13.1723, -8.4573



45.0832, -6.9726, -13.7059



45.0841, 0.8815, -14.1911

Triad

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



45.0841, -6.9729, -13.7051



45.0841, 13.5208, 5.4317



45.0841, -12.2313, 11.9438

Complementary

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



45.0832, -6.9726, -13.7059



45.5857, 6.6740, 15.3327

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.



45.0841, -5.6058, 14.4754



45.0832, -6.9726, -13.7059



45.0841, 9.4718, 11.1763

Square

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



45.0841, -6.9729, -13.7051



45.0841, 13.0913, -2.2066



45.0841, 2.3461, 14.2212



45.0841, -16.0605, 6.6648

Rectangle

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



45.0832, -6.9726, -13.7059



45.0841, 6.0415, -11.6544



45.0841, 2.3461, 14.2212



45.0841, -10.2777, 13.0995

Sweetspot

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



45.0841, -6.9729, -13.7051



72.4666, -6.4540, -2.1988



52.2359, -25.0706, 12.6456



33.7618, -3.1176, -1.3258



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



45.0841, -6.9729, -13.7051



57.3547, -9.3877, -23.8771



36.4241, 7.9866, -28.6137



26.5463, -2.1399, -0.2222



28.7020, -0.0203, -35.8311



4.7909, -1.4739, -2.8064

Inverse Universe

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



40.1692, 24.8628, -5.4688



49.9356, 41.8063, -8.8804



54.2928, -8.1318, 22.5035



25.8996, 1.4549, 0.4295



25.4044, 45.9937, -2.8698



3.5171, 6.5804, -2.0477

Previews

White Background



This preview shows how the HunterLab color 45.0832, -6.9726, -13.7059 looks on a white background.

Color Contrast Check

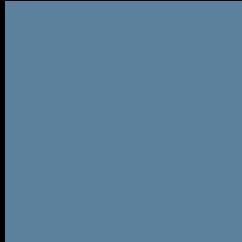
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.0832, -6.9726, -13.7059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

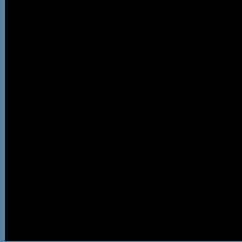
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

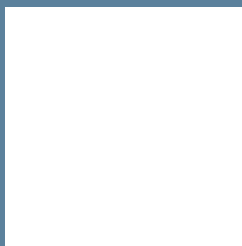
Any Text WCAG AAA × Fail

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

HunterLab 45.0832, -6.9726, -13.7059 Background



This preview shows how black text looks on a background with the HunterLab color 45.0832, -6.9726, -13.7059.



This preview shows how white text looks on a background with the HunterLab color 45.0832, -6.9726, -13.7059.

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

45.0832, -6.9726, -13.7059

Protanopia

45.0383, 1.3274, -11.3301

Deuteranopia

45.0662, 3.2773, -14.7304



Tritanopia

44.9576, -11.4596, -6.2476

Trichromacy



Original Color

45.0832, -6.9726, -13.7059

Protanomaly

44.8946, -1.9576, -12.1708

Deuteranomaly

45.1140, -0.9005, -14.1382

Tritanomaly

44.8849, -9.8543, -8.9774

Monochromacy



Original Color

45.0832, -6.9726, -13.7059

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.1039, -4.5693, -3.2237

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.0832, -6.9726, -13.7059 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(91, 129, 156)` looks like.

```
.text, #text, p{  
    color:rgb(91, 129, 156)  
}
```

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(91, 129, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 129, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 45.0832, -6.9726, -13.7059 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(91, 129, 156) }
```


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

```
.border{ border-color:rgb(91, 129, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 129, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 129, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 129, 156);  
box-shadow:4px 4px 4px 4px rgb(91, 129,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.0832, -6.9726, -13.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 129, 156) }
```

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

```
.background{ background-color: rgb(91, 129,  
156) }
```

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