

Converting Colors

HunterLab(45.0598, 2.1917,
-14.1099)

Have a look what the booklet for
HunterLab(45.0598, 2.1917,
-14.1099) contains.

HunterLab(45.1466, 2.0654, -14.0360)	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(45.1466, 2.0654,
-14.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	757B9D
RGB	117, 123, 157
RGB Percent	46%, 48%, 62%
CMY	0.5412, 0.5176, 0.3843
CMYK	0.25, 0.22, 0.00, 0.38
HSL	231°, 17%, 54%
HSV	231°, 25%, 62%
XYZ	20.5049, 20.3822, 34.7517
YIQ	125.0820, -14.4900, 9.3020

Conversions

Conversions Part 2

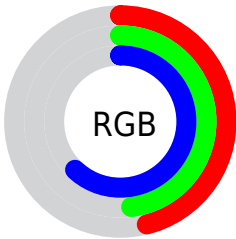
Format	Color
R_{YB}	117, 122, 157
Decimal	7699357
CIE _{Lab}	52.27, 5.62, -18.98
CIE _{LCh}	52, 19.793, 286.507
Yxy	20.3830, 0.2711, 0.2695
Android (android.graphics.Color)	4285889437 (0xFF757B9D)
YUV	125.0820, 15.7356, -7.0879
Hunter-Lab	45.1466, 2.0654, -14.0360

Details

The HunterLab color $45.1466, 2.0654, -14.0360$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55.3045, -5.8216, 15.9333$, and the grayscale version is $45.2630, -2.4151, 2.4592$.

A 20% lighter version of the original color is $66.3019, 1.8676, -14.8124$, and $26.7715, 2.7178, -13.6545$ is the 20% darker color. If you saturate the color by 10%, you get $40.3692, 4.6362, -21.8929$, and if you desaturate by 10%, it is $50.1029, -0.1634, -6.8774$.

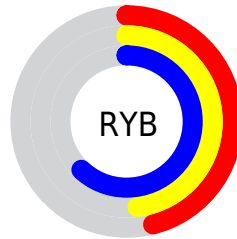
Distribution



Red (46%)

Green (48%)

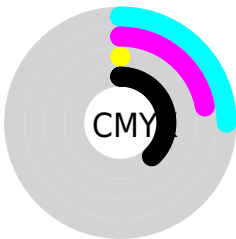
Blue (62%)



Red (46%)

Yellow (48%)

Blue (62%)

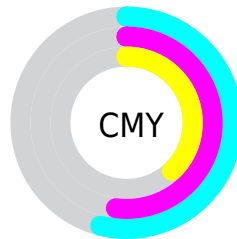


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1466, 2.0654, -14.0360 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 45.1466, 2.0654, -14.0360 by changing the saturation by 10% instead.

■ 45.1466, 2.0654,
-14.0360

■ 45.1466, 2.0654,
-14.0360

159.3678, -1.7699,
-14.3175

■ 35.6002, 2.2474,
-13.7015

■ 66.3765, 1.5227,
-14.4990

■ 26.8408, 2.3599,
-13.3015

■ 77.9700, 1.1748,
-14.6348

■ 18.9478, 2.3894,
-12.8503

■ 90.1696, 0.7815,
-14.7113

■ 12.0294, 2.3159,
-12.4074

102.9464, 0.3459,
-14.7321

■ 5.0102, 4.6235,
-17.2022

116.2754, -0.1291,
-14.7003

0.0000, NaN, -NF

0.0000, NaN, NaN

130.1347, -0.6414,

-14.6188

0.0000, NaN, NaN

144.5047, -1.1889,
-14.4905

0.0000, NaN, NaN

■ 45.1466, 2.0654,
-14.0360

■ 45.1466, 2.0654,
-14.0360

■ 40.3692, 4.6362,
-21.8929

■ 50.1029, -0.1634,
-6.8774

■ 35.8008, 7.6431,
-30.6336

■ 55.2108, -2.1206,
-0.2718

■ 31.4873, 11.1982,
-40.4662

■ 60.4526, -3.8624,
5.8979

■ 27.4911, 15.4230,
-51.5859

■ 65.8137, -5.4315,
11.7223

■ 23.8987, 20.4058,
-64.0534

■ 71.2825, -6.8609,
17.2718

■ 20.8258, 26.0910,
-77.5242

■ 76.8496, -8.1759,
22.6012

■ 18.4067, 32.0704,
-90.8452

■ 82.5073, -9.3968,
27.7536

■ 17.5196, 34.5822,
-96.5510

■ 88.2490, -10.5394,
32.7630

■ 93.7329, -12.8122,
37.3563

Harmonies

Analogous

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



45.1475, -5.9616, -14.3055



45.1466, 2.0654, -14.0360



45.1475, 9.3578, -8.8789

Triad

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



45.1475, 2.0648, -14.0351



45.1475, 8.7270, 11.8759



45.1475, -16.4797, 5.7554

Complementary

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



45.1466, 2.0654, -14.0360



55.3045, -5.8216, 15.9333

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.



45.1475, -13.0862, 11.4513



45.1466, 2.0654, -14.0360



45.1475, 1.2520, 14.5446

Square

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



45.1475, 2.0648, -14.0351



45.1475, 13.3845, 6.4388



45.1475, -6.7197, 14.4042



45.1475, -16.2958, -1.9230

Rectangle

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



45.1466, 2.0654, -14.0360



45.1475, 12.6565, -3.8056



45.1475, -6.7197, 14.4042



45.1475, -15.7303, 7.9347

Sweetspot

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



45.1475, 2.0648, -14.0351



72.0368, -2.1676, -2.6675



54.8717, -14.9418, 2.2199



33.3334, -0.8456, -1.8338



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.



45.1475, 2.0648, -14.0351



56.4739, 4.8074, -25.0922



44.6428, 8.6598, -14.7043



25.6670, -0.6793, -1.3052



15.9032, 30.7458, -86.2491



2.9185, 1.8216, -7.5802

Inverse Universe

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



46.1750, 11.3588, 4.5893



58.3322, 20.0652, 6.8611



55.9446, -12.6751, 16.4143



25.8100, 0.9728, 1.7070



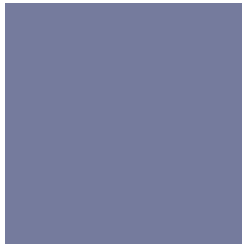
24.2436, 41.7478, 13.8839



3.3034, 5.8095, 0.9543

Previews

White Background



This preview shows how the HunterLab color 45.1466, 2.0654, -14.0360 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 45.1466, 2.0654, -14.0360 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

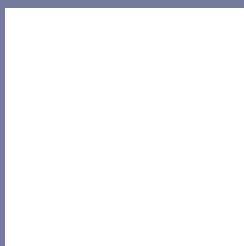
Any Text WCAG AAA × Fail

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

HunterLab 45.1466, 2.0654, -14.0360 Background



This preview shows how black text looks on a background with the HunterLab color 45.1466, 2.0654, -14.0360.



This preview shows how white text looks on a background with the HunterLab color 45.1466, 2.0654, -14.0360.

-14.0360.

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

45.1466, 2.0654, -14.0360

Protanopia

45.0702, 1.8071, -14.1586

Deuteranopia

45.1070, 3.3382, -14.0748



Tritanopia

45.2721, -4.6484, -3.1800

Trichromacy



Original Color

45.1466, 2.0654, -14.0360

Protanomaly

45.0702, 1.8071, -14.1586

Deuteranomaly

45.0281, 3.0735, -14.2016

Tritanomaly

45.2910, -2.6650, -6.6796

Monochromacy



Original Color

45.1466, 2.0654, -14.0360

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.1210, -0.8338, -3.3101

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1466, 2.0654, -14.0360 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(117, 123, 157)` looks like.

```
.text, #text, p{  
    color:rgb(117, 123, 157)  
}
```

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(117, 123, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 123, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1466, 2.0654, -14.0360 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(117, 123, 157) }
```


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

```
.border{ border-color:rgb(117, 123, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 123, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 123, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 123, 157); box-shadow:4px 4px 4px 4px rgb(117, 123, 157) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1466, 2.0654, -14.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 123, 157) }
```

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

```
.background{ background-color: rgb(117,  
123, 157) }
```

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