

Converting Colors

HunterLab(40.9851, 4.4979,
-9.2857)

Have a look what the booklet for
HunterLab(40.9851, 4.4979, -9.2857)
contains.

HunterLab(40.9497, 4.6186, -9.5000)	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(40.9497, 4.6186,
-9.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	756E8A
RGB	117, 110, 138
RGB Percent	46%, 43%, 54%
CMY	0.5412, 0.5686, 0.4588
CMYK	0.15, 0.20, 0.00, 0.46
HSL	255°, 11%, 49%
HSV	255°, 20%, 54%
XYZ	17.4995, 16.7688, 26.3592
YIQ	115.2850, -4.8160, 10.1920

Conversions

Conversions Part 2

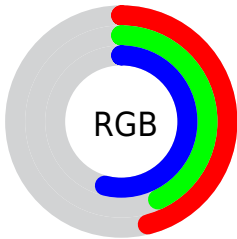
Format	Color
R_{YB}	117, 110, 138
Decimal	7696010
CIE _{Lab}	47.97, 8.72, -14.36
CIE _{LCh}	48, 16.801, 301.279
Yxy	16.7695, 0.2886, 0.2766
Android (android.graphics.Color)	4285886090 (0xFF756E8A)
YUV	115.2850, 11.1985, 1.5041
Hunter-Lab	40.9497, 4.6186, -9.5000

Details

The HunterLab color $40.9497, 4.6186, -9.5000$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $49.1208, -8.6915, 12.3090$, and the grayscale version is $41.4756, -2.2130, 2.2534$.

A 20% lighter version of the original color is $61.6744, 4.0376, -9.3105$, and $23.1922, 4.5769, -9.2316$ is the 20% darker color. If you saturate the color by 10%, you get $36.5267, 8.4544, -16.3743$, and if you desaturate by 10%, it is $45.5412, 0.9486, -3.2253$.

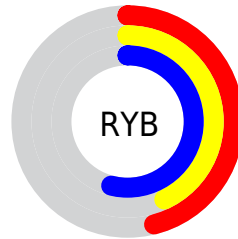
Distribution



Red (46%)

Green (43%)

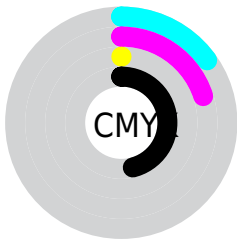
Blue (54%)



Red (46%)

Yellow (43%)

Blue (54%)

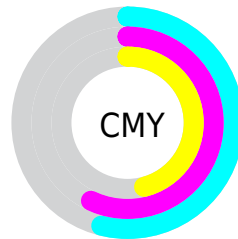


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (46%)



Cyan (54%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9497, 4.6186, -9.5000 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 40.9497, 4.6186, -9.5000 by changing the saturation by 10% instead.

40.9497, 4.6186,
-9.5000

40.9497, 4.6186,
-9.5000

152.9184, 2.1980,
-8.5778

31.7337, 4.5919,
-9.2957

61.5865, 4.4492,
-9.6899

23.3358, 4.4761,
-9.0142

72.9096, 4.2715,
-9.6880

15.8461, 4.2509,
-8.6573

84.8524, 4.0394,
-9.6277

9.3922, 3.8852,
-8.2598

97.3843, 3.7576,
-9.5131

0.0000, NaN, -NF

0.0000, NaN, NaN

110.4787, 3.4297,
-9.3479

0.0000, NaN, NaN

124.1126, 3.0588,

0.0000, NaN, NaN

-9.1352

0.0000, NaN, NaN

138.2653, 2.6475,
-8.8777

■ 40.9497, 4.6186,
-9.5000

■ 40.9497, 4.6186,
-9.5000

■ 36.5267, 8.4544,
-16.3743

■ 45.5412, 0.9486,
-3.2253

■ 32.3011, 12.4988,
-24.0131

■ 50.2754, -2.5896,
2.5777

■ 28.3171, 16.7870,
-32.6026

■ 55.1353, -6.0267,
8.0116

■ 24.6349, 21.3266,
-42.3171

■ 60.1071, -9.3870,
13.1552

■ 21.3387, 26.0400,
-53.2053

■ 65.1800, -12.6895,
18.0692

■ 18.5406, 30.6536,
-64.9312

■ 70.3450, -15.9490,
22.8007

■ 16.3736, 34.5658,
-76.3748

■ 75.5948, -19.1774,
27.3866

■ 14.7769, 37.7236,
-86.7110

■ 80.9234, -22.3839,
31.8557

■ 86.3256, -25.5758,
36.2311

Harmonies

Analogous

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



40.9505, -1.9033, -11.7825



40.9497, 4.6186, -9.5000



40.9505, 9.5566, -4.0121

Triad

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



40.9505, 4.6178, -9.4992



40.9505, 4.0964, 11.4719



40.9505, -14.1267, 1.9584

Complementary

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



40.9497, 4.6186, -9.5000



49.1208, -8.6915, 12.3090

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.



40.9505, -12.7406, 7.6202



40.9497, 4.6186, -9.5000



40.9505, -2.4703, 12.5615

Square

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



40.9505, 4.6178, -9.4992



40.9505, 9.2423, 8.0189



40.9505, -8.5750, 11.2686



40.9505, -12.4862, -4.5531

Rectangle

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



40.9497, 4.6186, -9.5000



40.9505, 11.1377, 0.3546



40.9505, -8.5750, 11.2686



40.9505, -13.9999, 4.0189

Sweetspot

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



40.9505, 4.6178, -9.4992



63.0559, -0.7134, -1.0096



46.3776, -7.2723, -2.2894



29.7041, -0.2183, -0.6751



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



40.9505, 4.6178, -9.4992



51.8575, 8.2526, -16.3589



42.1612, 8.5723, -7.6842



22.2458, 0.2610, -1.2285



14.1710, 36.1402, -82.8722



1.3929, 3.1878, -5.3195

Inverse Universe

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



42.6551, 9.6947, -3.3943



54.6409, 16.3631, -6.1313



48.0807, -12.4804, 11.2166



22.6008, 1.3704, -0.0333



24.2149, 45.2248, -13.4695



2.0321, 3.8925, -1.8846

Previews

White Background



This preview shows how the HunterLab color 40.9497, 4.6186, -9.5000 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.9497, 4.6186, -9.5000 looks on a black 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

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

HunterLab 40.9497, 4.6186, -9.5000 Background



This preview shows how black text looks on a background with the HunterLab color 40.9497, 4.6186, -9.5000.



This preview shows how white text looks on a background with the HunterLab color 40.9497, 4.6186, -9.5000.

-9.5000.

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

40.9497, 4.6186, -9.5000

Protanopia

41.0997, 1.1399, -10.4466

Deuteranopia

40.8835, 3.0349, -9.6249



Tritanopia

40.9790, -0.4623, -1.3967

Trichromacy



Original Color

40.9497, 4.6186, -9.5000

Protanomaly

41.0267, 2.2103, -9.9803

Deuteranomaly

40.9649, 3.3077, -9.5005

Tritanomaly

40.9777, 1.2991, -4.2754

Monochromacy



Original Color

40.9497, 4.6186, -9.5000

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.1744, 0.2681, -1.6073

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9497, 4.6186, -9.5000 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, 110, 138)` looks like.

```
.text, #text, p{  
    color:rgb(117, 110, 138)  
}
```

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, 110, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 110, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9497, 4.6186, -9.5000 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, 110, 138) }
```


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

```
.border{ border-color:rgb(117, 110, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 110, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 110, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 110, 138);  
box-shadow:4px 4px 4px 4px rgb(117, 110,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9497, 4.6186, -9.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 110, 138) }
```

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

```
.background{ background-color: rgb(117,  
110, 138) }
```

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