

Converting Colors

HunterLab(43.5831, 12.5439,
-40.0467)

Have a look what the booklet for
HunterLab(43.5831, 12.5439,
-40.0467) contains.

HunterLab(43.6434, 12.4908, -39.8498)	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(43.6434, 12.4908,
-39.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	6D72BF
RGB	109, 114, 191
RGB Percent	43%, 45%, 75%
CMY	0.5725, 0.5529, 0.2510
CMYK	0.43, 0.40, 0.00, 0.25
HSL	236°, 39%, 59%
HSV	236°, 43%, 75%
XYZ	21.7280, 19.0475, 51.8216
YIQ	121.2830, -27.6970, 22.8870

Conversions

Conversions Part 2

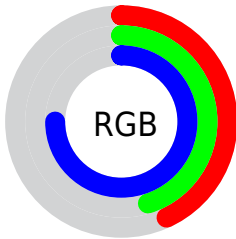
Format	Color
R _Y B	109, 114, 191
Decimal	7172799
CIE Lab	50.74, 18.04, -41.08
CIE LCh	51, 44.864, 293.710
Yxy	19.0481, 0.2347, 0.2057
Android (android.graphics.Color)	4285362879 (0xFF6D72BF)
YUV	121.2830, 34.3705, -10.7722
Hunter-Lab	43.6434, 12.4908, -39.8498

Details

The HunterLab color $43.6434, 12.4908, -39.8498$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $68.7746, -11.8510, 29.6975$, and the grayscale version is $43.7159, -2.3326, 2.3752$.

A 20% lighter version of the original color is $64.7628, 13.1457, -41.1655$, and $25.5241, 11.5535, -39.0458$ is the 20% darker color. If you saturate the color by 10%, you get $37.8263, 17.8014, -53.6395$, and if you desaturate by 10%, it is $49.8443, 7.9043, -27.7792$.

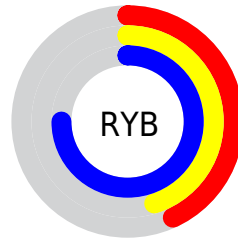
Distribution



Red (43%)

Green (45%)

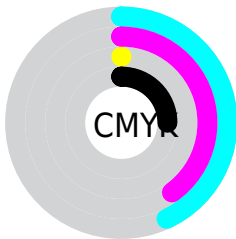
Blue (75%)



Red (43%)

Yellow (45%)

Blue (75%)

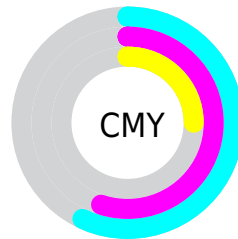


Cyan (43%)

Magenta (40%)

Yellow (0%)

Black (25%)



Cyan (57%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.6434, 12.4908, -39.8498 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 43.6434, 12.4908, -39.8498 by changing the saturation by 10% instead.

■ 43.6434, 12.4908,
-39.8498

■ 43.6434, 12.4908,
-39.8498

157.0715, 13.5331,
-45.0725

■ 34.2127, 11.9876,
-39.2738

■ 64.6649, 13.2054,
-41.1898

■ 25.5797, 11.3664,
-38.9143

■ 76.1633, 13.4391,
-41.8604

■ 17.8272, 10.6056,
-39.0699

■ 88.2724, 13.6016,
-42.5024

■ 11.0698, 9.6785,
-40.5640

■ 100.9629, 13.6991,
-43.1064

■ 2.8690, 27.2476,
-94.2426

114.2093, 13.7369,
-43.6672

0.0000, NaN, -NF

0.0000, NaN, -NF

127.9891, 13.7195,

-44.1823

0.0000, NaN, NaN

142.2824, 13.6505,
-44.6508

0.0000, NaN, NaN

■ 43.6434, 12.4908,
-39.8498

■ 43.6434, 12.4908,
-39.8498

■ 37.8263, 17.8014,
-53.6395

■ 49.8443, 7.9043,
-27.7792

■ 32.4979, 23.9910,
-69.4821

■ 56.3524, 3.8841,
-17.0681

■ 27.8136, 31.1052,
-87.3890

■ 63.1161, 0.2994,
-7.4055

■ 23.9850, 38.8168,
-106.3856

■ 70.0976, -2.9508,
1.4511

■ 21.2549, 46.0359,
-123.5915

■ 77.2687, -5.9427,
9.6868

■ 20.0399, 49.8269,
-132.6102

■ 84.6079, -8.7337,
17.4411

■ 92.0982, -11.3670,
24.8197

■ 98.2556, -14.9779,
30.5392

Harmonies

Analogous

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



43.6442, -6.0618, -44.7133



43.6434, 12.4908, -39.8498



43.6442, 29.2486, -21.9756

Triad

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



43.6442, 12.4908, -39.8486



43.6442, 20.1231, 21.4651



43.6442, -31.7029, 5.8339

Complementary

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



43.6434, 12.4908, -39.8498



68.7746, -11.8510, 29.6975

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.



43.6442, -26.8910, 17.7256



43.6434, 12.4908, -39.8498



43.6442, 1.5293, 24.0775

Square

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



43.6442, 12.4908, -39.8486



43.6442, 34.1312, 13.6581



43.6442, -15.4059, 23.0592



43.6442, -29.7357, -13.0616

Rectangle

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



43.6434, 12.4908, -39.8498



43.6442, 36.1460, -7.9153



43.6442, -15.4059, 23.0592



43.6442, -30.8535, 10.6451

Sweetspot

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



43.6442, 12.4908, -39.8486



84.2134, 0.5264, -10.2513



66.3617, -25.3479, -0.8245



38.5028, 0.7304, -6.1132



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



43.6442, 12.4908, -39.8486



50.7023, 23.7412, -71.5732



45.4723, 24.3245, -35.8229



30.5225, -0.4187, -1.9303



16.3746, 39.8549, -106.5022



3.7057, 6.1509, -17.9099

Inverse Universe

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



48.1970, 26.7339, 10.5824



58.7264, 45.7047, 16.8643



67.3655, -25.1516, 28.3355



30.8959, 1.1251, 2.3682



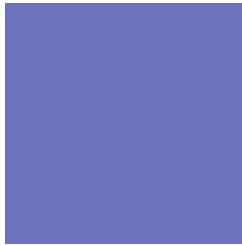
27.0192, 46.3494, 16.8532



5.3779, 9.2859, 2.8859

Previews

White Background



This preview shows how the HunterLab color 43.6434, 12.4908, -39.8498 looks on a white background.

Color Contrast Check

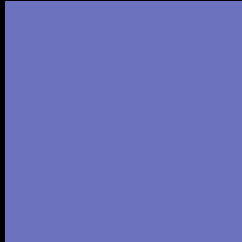
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6434, 12.4908, -39.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

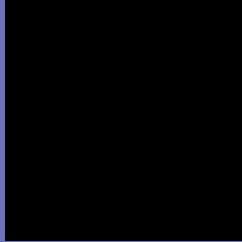
Any Text WCAG AA ✓ Pass

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 43.6434, 12.4908, -39.8498 Background



This preview shows how black text looks on a background with the HunterLab color 43.6434, 12.4908, -39.8498.



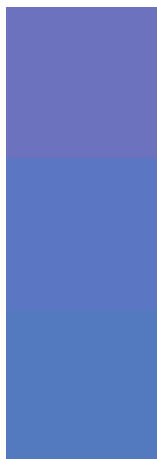
This preview shows how white text looks on a background with the HunterLab color 43.6434, 12.4908, -39.8498.

-39.8498.

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

43.6434, 12.4908, -39.8498

Protanopia

43.7277, 7.7434, -42.9239

Deuteranopia

43.8537, 3.4376, -38.7801



Tritanopia

43.7403, -8.7043, -4.7728

Trichromacy



Original Color

43.6434, 12.4908, -39.8498

Protanomaly

43.8341, 9.3593, -41.8610

Deuteranomaly

43.5315, 6.5936, -39.4109

Tritanomaly

43.6219, -1.7995, -15.9015

Monochromacy



Original Color

43.6434, 12.4908, -39.8498

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.3752, 2.2949, -10.4041

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.6434, 12.4908, -39.8498 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(109, 114, 191)` looks like.

```
.text, #text, p{  
    color:rgb(109, 114, 191)  
}
```

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(109, 114, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 114, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 43.6434, 12.4908, -39.8498 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(109, 114, 191) }
```


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

```
.border{ border-color:rgb(109, 114, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 114, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 114, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 114, 191);  
box-shadow:4px 4px 4px 4px rgb(109, 114,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.6434, 12.4908, -39.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 114, 191) }
```

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

```
.background{ background-color: rgb(109,  
114, 191) }
```

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