

Converting Colors

HunterLab(34.4499, 12.3305,
-39.8211)

Have a look what the booklet for
HunterLab(34.4499, 12.3305,
-39.8211) contains.

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Color

**HunterLab(34.4499, 12.3305,
-39.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	535AA5
RGB	83, 90, 165
RGB Percent	33%, 35%, 65%
CMY	0.6745, 0.6471, 0.3529
CMYK	0.50, 0.45, 0.00, 0.35
HSL	235°, 33%, 49%
HSV	235°, 50%, 65%
XYZ	14.0150, 11.8680, 37.1494
YIQ	96.4570, -28.2470, 21.8410

Conversions

Conversions Part 2

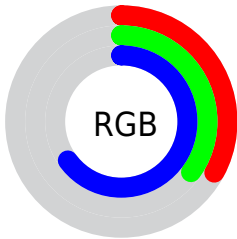
Format	Color
R _Y B	83, 89, 165
Decimal	5462693
CIE Lab	41.01, 18.44, -41.47
CIE LCh	41, 45.382, 293.974
Yxy	11.8684, 0.2223, 0.1883
Android (android.graphics.Color)	4283652773 (0xFF535AA5)
YUV	96.4570, 33.7917, -11.8018
Hunter-Lab	34.4499, 12.3305, -39.8211

Details

The HunterLab color **34.4499, 12.3305, -39.8211** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **57.5142, -9.6960, 26.8331**, and the grayscale version is **34.2577, -1.8279, 1.8613**.

A 20% lighter version of the original color is **54.1248, 13.2748, -41.3508**, and **18.0989, 10.9321, -39.8347** is the 20% darker color. If you saturate the color by 10%, you get **29.8535, 17.0096, -52.0045**, and if you desaturate by 10%, it is **39.3953, 8.3274, -29.1534**.

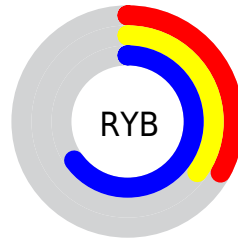
Distribution



Red (33%)

Green (35%)

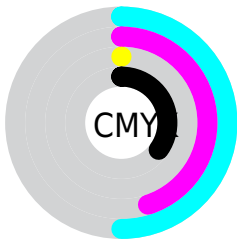
Blue (65%)



Red (33%)

Yellow (35%)

Blue (65%)

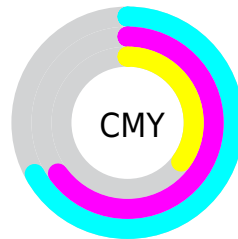


Cyan (50%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (67%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4499, 12.3305, -39.8211 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 34.4499, 12.3305, -39.8211 by changing the saturation by 10% instead.

■ 34.4499, 12.3305,
-39.8211

■ 34.4499, 12.3305,
-39.8211

■ 142.6646, 14.1319,
-45.2366

■ 25.7955, 11.6915,
-39.4661

■ 54.0880, 13.2701,
-41.0542

■ 18.0187, 10.9124,
-39.6323

■ 64.9588, 13.5993,
-41.7388

■ 11.2333, 9.9674,
-41.1398

■ 76.4736, 13.8488,
-42.4138

■ 3.3374, 23.8972,
-83.4292

■ 88.5984, 14.0265,
-43.0613

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 101.3038, 14.1387,
-43.6714

0.0000, NaN, NaN

114.5645, 14.1909,

0.0000, NaN, NaN

-44.2388

0.0000, NaN, NaN

128.3580, 14.1873,
-44.7609

■ 34.4499, 12.3305,
-39.8211

■ 34.4499, 12.3305,
-39.8211

■ 29.8535, 17.0096,
-52.0045

■ 39.3953, 8.3274,
-29.1534

■ 25.7050, 22.4684,
-65.8753

■ 44.6178, 4.8657,
-19.7252

■ 22.1455, 28.6537,
-81.1577

■ 50.0683, 1.8262,
-11.2703

■ 19.3544, 35.0959,
-96.5085

■ 55.7111, -0.8862,
-3.5710

■ 17.4606, 40.6198,
-109.4067

■ 61.5200, -3.3448,
3.5425

■ 17.4152, 40.7557,
-109.7473

■ 67.4748, -5.6048,
10.2000

■ 73.5602, -7.7082,
16.5006

■ 79.7636, -9.6870,
22.5199

■ 86.0752, -11.5657,
28.3165

Harmonies

Analogous

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



34.4505, -5.1744, -44.9822



34.4499, 12.3305, -39.8211



34.4505, 28.4581, -21.6100

Triad

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



34.4505, 12.3307, -39.8201



34.4505, 19.3512, 18.6444



34.4505, -28.4928, 4.9552

Complementary

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



34.4499, 12.3305, -39.8211



57.5142, -9.6960, 26.8331

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.



34.4505, -24.3139, 15.5192



34.4499, 12.3305, -39.8211



34.4505, 1.6261, 20.5973

Square

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



34.4505, 12.3307, -39.8201



34.4505, 33.0257, 12.1911



34.4505, -14.0359, 19.8185



34.4505, -26.7182, -13.1374

Rectangle

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



34.4499, 12.3305, -39.8211



34.4505, 35.1385, -7.7600



34.4505, -14.0359, 19.8185



34.4505, -27.7679, 9.3422

Sweetspot

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



34.4505, 12.3307, -39.8201



70.3123, 0.7920, -10.4184



55.8365, -23.8937, 0.2113



32.1752, 0.7141, -5.8443



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



34.4505, 12.3307, -39.8201



39.1318, 23.7245, -72.0653



35.5010, 23.6582, -37.1616



26.3678, -0.4704, -1.5311



15.2578, 35.0027, -94.6316



2.7614, 3.2150, -10.3918

Inverse Universe

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



38.6325, 26.9104, 9.4307



46.6769, 45.4057, 15.3009



56.9710, -22.7357, 26.1897



26.6370, 0.9447, 1.9562



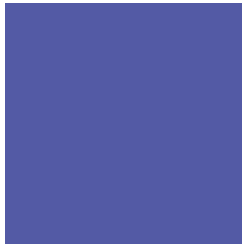
24.6559, 42.3357, 15.0661



3.6124, 6.2788, 1.6179

Previews

White Background



This preview shows how the HunterLab color 34.4499, 12.3305, -39.8211 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 34.4499, 12.3305, -39.8211 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 34.4499, 12.3305, -39.8211 Background



This preview shows how black text looks on a background with the HunterLab color 34.4499, 12.3305, -39.8211.



This preview shows how white text looks on a background with the HunterLab color 34.4499, 12.3305, -39.8211.

-39.8211.

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

34.4499, 12.3305, -39.8211

Protanopia

34.4878, 7.7111, -43.1442

Deuteranopia

34.4190, 2.7889, -38.4308



Tritanopia

34.3638, -8.8813, -4.9283

Trichromacy



Original Color

34.4499, 12.3305, -39.8211

Protanomaly

34.5803, 9.2116, -42.0478

Deuteranomaly

34.1729, 6.1592, -39.7717

Tritanomaly

34.2809, -2.0018, -16.0492

Monochromacy



Original Color

34.4499, 12.3305, -39.8211

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

34.0735, 2.0216, -10.4449

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4499, 12.3305, -39.8211 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(83, 90, 165)` looks like.

```
.text, #text, p{  
    color:rgb(83, 90, 165)  
}
```

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(83, 90, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 90, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4499, 12.3305, -39.8211 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(83, 90, 165) }
```


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

```
.border{ border-color:rgb(83, 90, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 90, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 90, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 90, 165);  
box-shadow:4px 4px 4px 4px rgb(83, 90,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.4499, 12.3305, -39.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 90, 165) }
```

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

```
.background{ background-color: rgb(83, 90,  
165) }
```

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](#).

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