

Converting Colors

HunterLab(33.3416, 1.2489,
-24.9409)

Have a look what the booklet for
HunterLab(33.3416, 1.2489,
-24.9409) contains.

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Color

**HunterLab(33.3416, 1.2489,
-24.9409)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 425E8E |
| RGB | 66, 94, 142 |
| RGB Percent | 26%, 37%, 56% |
| CMY | 0.7412, 0.6314, 0.4431 |
| CMYK | 0.54, 0.34, 0.00, 0.44 |
| HSL | 218°, 37%, 41% |
| HSV | 218°, 54%, 56% |
| XYZ | 11.1319, 11.1166, 27.1502 |
| YIQ | 91.1000, -32.0960, 8.9920 |

Conversions

Conversions Part 2

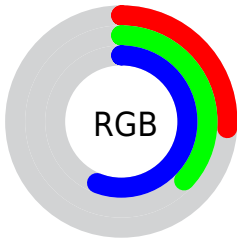
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 66, 86, 142 |
| Decimal | 4349582 |
| CIE _{Lab} | 39.78, 4.22, -29.72 |
| CIE _{LCh} | 40, 30.014, 278.078 |
| Yxy | 11.1170, 0.2254, 0.2250 |
| Android (android.graphics.Color) | 4282539662 (0xFF425E8E) |
| YUV | 91.1000, 25.0937, -22.0127 |
| Hunter-Lab | 33.3416, 1.2489, -24.9409 |

Details

The HunterLab color $[33.3416, 1.2489, -24.9409]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[42.6373, 1.3963, 19.1293]$, and the grayscale version is $[32.3008, -1.7235, 1.7550]$.

A 20% lighter version of the original color is $[52.7769, 0.8015, -26.1346]$, and $[17.0148, 1.6478, -23.9757]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.2985, 3.1793, -31.3533]$, and if you desaturate by 10%, it is $[36.5539, -0.2179, -18.9884]$.

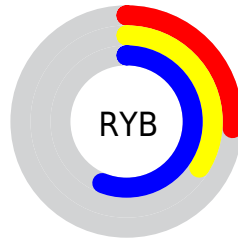
Distribution



Red (26%)

Green (37%)

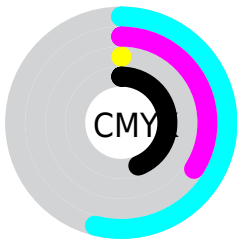
Blue (56%)



Red (26%)

Yellow (34%)

Blue (56%)

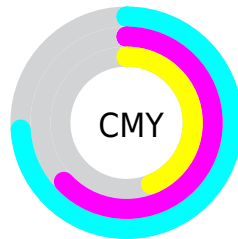


Cyan (54%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (74%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3416, 1.2489, -24.9409 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 33.3416, 1.2489, -24.9409 by changing the saturation by 10% instead.

■ 33.3416, 1.2489,
-24.9409

■ 33.3416, 1.2489,
-24.9409

■ 140.8789, -2.6788,
-28.5546

■ 24.7903, 1.4312,
-24.3879

■ 52.7981, 0.6953,
-26.0751

■ 17.1284, 1.5355,
-23.9838

■ 63.5870, 0.3382,
-26.5889

■ 10.4751, 1.5423,
-24.0864

■ 75.0246, -0.0657,
-27.0515

0.0000, INF, -NF

0.0000, NaN, -NF

■ 87.0761, -0.5127,
-27.4596

0.0000, NaN, NaN

■ 99.7116, -0.9998,
-27.8129

0.0000, NaN, NaN

112.9053, -1.5246,

0.0000, NaN, NaN

-28.1121

0.0000, NaN, NaN

126.6344, -2.0849,
-28.3587

■ 33.3416, 1.2489,
-24.9409

■ 33.3416, 1.2489,
-24.9409

■ 30.2985, 3.1793,
-31.3533

■ 36.5539, -0.2179,
-18.9884

■ 27.4505, 5.6483,
-38.2608

■ 39.9110, -1.2927,
-13.4471

■ 24.8307, 8.7219,
-45.6531

■ 43.3951, -2.0380,
-8.2609

■ 22.4751, 12.4288,
-53.4442

■ 46.9912, -2.5064,
-3.3774

■ 21.0645, 15.0367,
-58.7888

■ 50.6872, -2.7412,
1.2504

■ 54.4730, -2.7780,
5.6630

■ 58.3403, -2.6458,
9.8947

■ 62.2821, -2.3682,
13.9746

■ 66.2926, -1.9648,
17.9267

Harmonies

Analogous

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



33.3422, -9.3275, -22.8178



33.3416, 1.2489, -24.9409



33.3422, 12.3175, -18.2664

Triad

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



33.3422, 1.2490, -24.9401



33.3422, 16.5889, 12.0056



33.3422, -19.2469, 8.4964

Complementary

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



33.3416, 1.2489, -24.9409



42.6373, 1.3963, 19.1293

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.



33.3422, -13.8671, 14.1010



33.3416, 1.2489, -24.9409



33.3422, 6.5032, 15.6207

Square

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



33.3422, 1.2490, -24.9401



33.3422, 21.8948, 4.5247



33.3422, -4.7062, 16.2380



33.3422, -20.2710, -1.1434

Rectangle

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



33.3416, 1.2489, -24.9409



33.3422, 18.1743, -10.6970



33.3422, -4.7062, 16.2380



33.3422, -17.9250, 10.8096

Sweetspot

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



33.3422, 1.2490, -24.9401



61.0434, -3.1869, -6.2728



46.5766, -24.4321, 8.4349



28.4466, -1.4577, -3.5050



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



33.3422, 1.2490, -24.9401



39.5287, 4.7600, -43.2475



27.0933, 16.6415, -39.0173



23.5799, -1.2787, -0.6515



20.0420, 14.0484, -55.3772



2.7919, -0.2503, -2.9493

Inverse Universe

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



32.3355, 26.9027, 0.9783



38.9373, 43.7460, 2.5623



49.7363, -14.0017, 24.2572



23.3557, 1.0544, 0.9736



23.2203, 40.7495, 7.3770



2.3567, 4.2980, -0.5086

Previews

White Background



This preview shows how the HunterLab color 33.3416, 1.2489, -24.9409 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 33.3416, 1.2489, -24.9409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

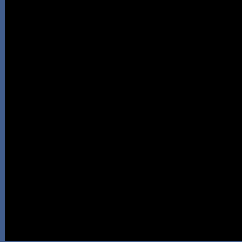
Any Text WCAG AA × Fail

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 33.3416, 1.2489, -24.9409 Background



This preview shows how black text looks on a background with the HunterLab color 33.3416, 1.2489, -24.9409.



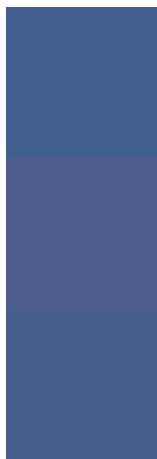
This preview shows how white text looks on a background with the HunterLab color 33.3416, 1.2489, -24.9409.

-24.9409.

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

33.3416, 1.2489, -24.9409

Protanopia

33.3549, 3.8208, -23.4826

Deuteranopia

33.2923, 2.4458, -25.0177



Tritanopia

33.4601, -10.8877, -5.2094

Trichromacy



Original Color

33.3416, 1.2489, -24.9409

Protanomaly

33.4189, 2.7799, -24.0659

Deuteranomaly

33.2369, 2.2598, -25.1312

Tritanomaly

33.1894, -6.6453, -11.9799

Monochromacy



Original Color

33.3416, 1.2489, -24.9409

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.5176, -1.3465, -6.8838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3416, 1.2489, -24.9409 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(66, 94, 142)` looks like.

```
.text, #text, p{  
    color:rgb(66, 94, 142)  
}
```

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(66, 94, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 94, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3416, 1.2489, -24.9409 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(66, 94, 142) }
```


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

```
.border{ border-color:rgb(66, 94, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 94, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 94, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 94, 142);  
box-shadow:4px 4px 4px 4px rgb(66, 94,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3416, 1.2489, -24.9409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 94, 142) }
```

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

```
.background{ background-color: rgb(66, 94,  
142) }
```

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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