

Converting Colors

HunterLab(33.5425, -4.6046,
-9.7866)

Have a look what the booklet for
HunterLab(33.5425, -4.6046,
-9.7866) contains.

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Color

**HunterLab(33.4619, -4.4500,
-9.8278)**

Conversions

Conversions Part 1

Format	Color
Hex	476176
RGB	71, 97, 118
RGB Percent	28%, 38%, 46%
CMY	0.7216, 0.6196, 0.5373
CMYK	0.40, 0.18, 0.00, 0.54
HSL	207°, 25%, 37%
HSV	207°, 40%, 46%
XYZ	10.1432, 11.1970, 18.7662
YIQ	91.6200, -22.2370, 1.0190

Conversions

Conversions Part 2

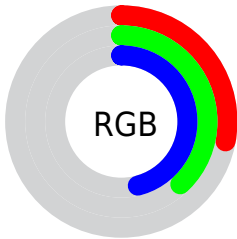
Format	Color
R_{YB}	71, 88, 118
Decimal	4678006
CIE Lab	39.91, -3.83, -14.90
CIE LCh	40, 15.388, 255.593
Yxy	11.1974, 0.2529, 0.2792
Android (android.graphics.Color)	4282868086 (0xFF476176)
YUV	91.6200, 13.0053, -18.0837
Hunter-Lab	33.4619, -4.4500, -9.8278

Details

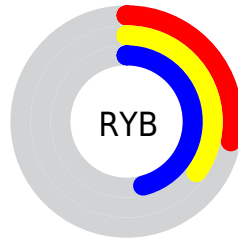
The HunterLab color $[33.4619, -4.4500, -9.8278]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[34.5846, 3.6617, 11.1548]$, and the grayscale version is $[32.5337, -1.7359, 1.7676]$.

A 20% lighter version of the original color is $[53.0538, -6.2727, -9.9188]$, and $[17.2974, -2.9996, -9.2551]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.3872, -4.3730, -13.1127]$, and if you desaturate by 10%, it is $[35.6297, -4.2463, -6.6411]$.

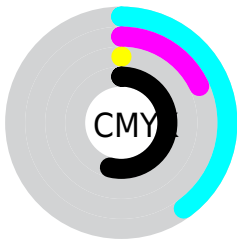
Distribution



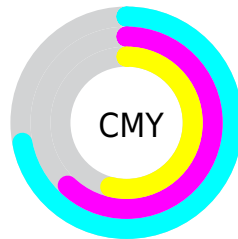
- Red (28%)
- Green (38%)
- Blue (46%)



- Red (28%)
- Yellow (35%)
- Blue (46%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (54%)



- Cyan (72%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4619, -4.4500, -9.8278 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 33.4619, -4.4500, -9.8278 by changing the saturation by 10% instead.

■ 33.4619, -4.4500,
-9.8278

■ 33.4619, -4.4500,
-9.8278

■ 141.0734,
-11.8793, -9.4852

■ 24.8994, -3.7346,
-9.5410

■ 52.9383, -5.9435,
-10.1734

■ 17.2248, -3.0353,
-9.1805

■ 63.7362, -6.7237,
-10.2425

■ 10.5570, -2.3434,
-8.7750

■ 75.1823, -7.5267,
-10.2491

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 87.2418, -8.3525,
-10.1977

0.0000, NaN, NaN

■ 99.8849, -9.2010,
-10.0923

0.0000, NaN, NaN

113.0859,

0.0000, NaN, NaN

-10.0719, -9.9365

0.0000, NaN, NaN

126.8221,
-10.9648, -9.7332

■ 33.4619, -4.4500,
-9.8278

■ 33.4619, -4.4500,
-9.8278

■ 31.3872, -4.3730,
-13.1127

■ 35.6297, -4.2463,
-6.6411

■ 29.4123, -3.9800,
-16.4967

■ 37.8805, -3.7933,
-3.5515

■ 27.5470, -3.2373,
-19.9725

■ 40.2078, -3.1208,
-0.5528

■ 25.8006, -2.1148,
-23.5261

■ 42.6051, -2.2548,
2.3617

■ 24.1808, -0.5929,
-27.1359

■ 45.0668, -1.2181,
5.1995

■ 22.6548, 1.2005,
-30.8758

■ 47.5877, -0.0303,
7.9682

■ 22.6289, 1.2314,
-30.9424

■ 50.1634, 1.2915,
10.6750

■ 52.7900, 2.7327,
13.3267

■ 55.4640, 4.2807,
15.9295

Harmonies

Analogous

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



33.4625, -9.0620, -6.4437



33.4619, -4.4500, -9.8278



33.4625, 1.1864, -9.7533

Triad

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



33.4625, -4.4503, -9.8272



33.4625, 9.3448, 4.4846



33.4625, -9.2072, 8.2819

Complementary

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



33.4619, -4.4500, -9.8278



34.5846, 3.6617, 11.1548

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.



33.4625, -4.6606, 10.3322



33.4619, -4.4500, -9.8278



33.4625, 6.1675, 8.4011

Square

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



33.4625, -4.4503, -9.8272



33.4625, 9.4105, -0.8560



33.4625, 0.9617, 10.3718



33.4625, -11.6822, 4.2945

Rectangle

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



33.4619, -4.4500, -9.8278



33.4625, 4.7803, -7.7300



33.4625, 0.9617, 10.3718



33.4625, -7.8844, 9.1890

Sweetspot

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



33.4625, -4.4503, -9.8272



52.5450, -4.3836, -1.7043



38.8051, -17.3954, 8.3572



25.0553, -2.1446, -0.9950



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.4625, -4.4503, -9.8272



41.7904, -5.8170, -17.1076



27.5015, 5.9163, -19.9014



19.7343, -1.4940, -0.1547



23.4832, 1.3757, -32.3216



50.1433, 6.0978, -75.8382

Inverse Universe

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



30.3668, 16.7045, -3.0775



37.1565, 28.0538, -5.0627



40.6667, -6.5367, 16.2525



19.3174, 0.9460, 0.4249



21.4025, 38.5861, -1.1591



47.0613, 84.5080, 0.0679

Previews

White Background



This preview shows how the HunterLab color 33.4619, -4.4500, -9.8278 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 33.4619, -4.4500, -9.8278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

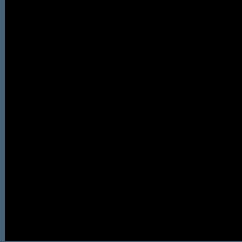
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

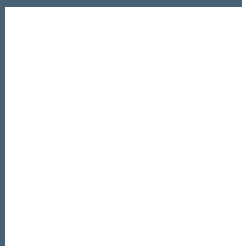
Any Text WCAG AAA × Fail

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

HunterLab 33.4619, -4.4500, -9.8278 Background



This preview shows how black text looks on a background with the HunterLab color 33.4619, -4.4500, -9.8278.



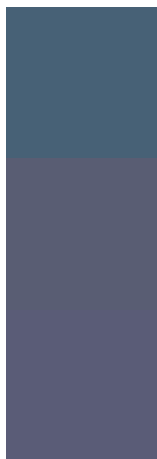
This preview shows how white text looks on a background with the HunterLab color 33.4619, -4.4500, -9.8278.

-9.8278.

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

33.4619, -4.4500, -9.8278

Protanopia

33.4520, 0.8418, -8.1199

Deuteranopia

33.4064, 2.3101, -10.3501



Tritanopia

33.4876, -7.9672, -4.1322

Trichromacy



Original Color

33.4619, -4.4500, -9.8278

Protanomaly

33.2569, -1.1195, -8.9839

Deuteranomaly

33.4310, -0.3066, -10.3579

Tritanomaly

33.3890, -6.6212, -6.2469

Monochromacy



Original Color

33.4619, -4.4500, -9.8278

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.9087, -3.3067, -1.9615

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4619, -4.4500, -9.8278 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(71, 97, 118)` looks like.

```
.text, #text, p{  
    color:rgb(71, 97, 118)  
}
```

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(71, 97, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 97, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4619, -4.4500, -9.8278 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(71, 97, 118) }
```


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

```
.border{ border-color:rgb(71, 97, 118) }
```

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

Here you see how a box with a 4 pixel rgb(71, 97, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 97, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 97, 118);  
box-shadow:4px 4px 4px 4px rgb(71, 97,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4619, -4.4500, -9.8278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 97, 118) }
```

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

```
.background{ background-color: rgb(71, 97,  
118) }
```

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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