

Converting Colors

HunterLab(33.5947, 26.6917,
-78.5464)

Have a look what the booklet for
HunterLab(33.5947, 26.6917,
-78.5464) contains.

HunterLab(33.6368, 26.5861, -78.3975)	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(33.6368, 26.5861,
-78.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	4550CB
RGB	69, 80, 203
RGB Percent	27%, 31%, 80%
CMY	0.7294, 0.6863, 0.2039
CMYK	0.66, 0.61, 0.00, 0.20
HSL	235°, 56%, 53%
HSV	235°, 66%, 80%
XYZ	16.1024, 11.3143, 57.8351
YIQ	90.7330, -46.0390, 35.9210

Conversions

Conversions Part 2

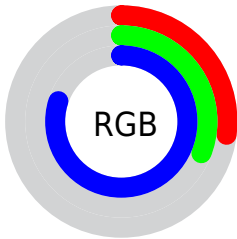
Format	Color
R_{YB}	69, 79, 203
Decimal	4542667
CIE _{Lab}	40.11, 34.83, -65.24
CIE _{LCh}	40, 73.957, 298.100
Yxy	11.3146, 0.1889, 0.1327
Android (android.graphics.Color)	4282732747 (0xFF4550CB)
YUV	90.7330, 55.3476, -19.0598
Hunter-Lab	33.6368, 26.5861, -78.3975

Details

The HunterLab color **33.6368, 26.5861, -78.3975** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **71.2947, -13.2146, 39.0168**, and the grayscale version is **32.0610, -1.7107, 1.7419**.

A 20% lighter version of the original color is **52.6743, 27.3084, -73.5544**, and **18.4387, 25.5858, -78.2791** is the 20% darker color. If you saturate the color by 10%, you get **28.8689, 34.3144, -97.6485**, and if you desaturate by 10%, it is **39.1223, 19.8513, -61.1718**.

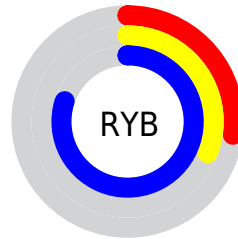
Distribution



Red (27%)

Green (31%)

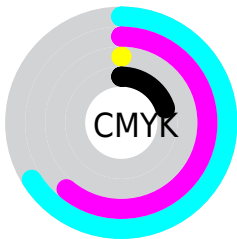
Blue (80%)



Red (27%)

Yellow (31%)

Blue (80%)

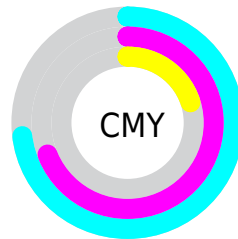


Cyan (66%)

Magenta (61%)

Yellow (0%)

Black (20%)



Cyan (73%)

Magenta (69%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6368, 26.5861, -78.3975 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 33.6368, 26.5861, -78.3975 by changing the saturation by 10% instead.

■ 33.6368, 26.5861,
-78.3975

■ 33.6368, 26.5861,
-78.3975

■ 141.3554, 34.4884,
-83.1522

■ 25.0577, 25.1649,
-80.0926

■ 53.1418, 29.0419,
-77.9354

■ 17.3649, 23.6143,
-84.1401

■ 63.9527, 30.0925,
-78.3694

■ 10.6760, 21.9968,
-93.8151

■ 75.4110, 31.0389,
-79.0086

■ 1.0803, 140.4749,
-600.2106

■ 87.4821, 31.8903,
-79.7659

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.1364, 32.6545,
-80.5877

0.0000, NaN, -NF

113.3479, 33.3385,

0.0000, NaN, NaN

-81.4398

0.0000, NaN, NaN

127.0943, 33.9480,
-82.2996

■ 33.6368, 26.5861,
-78.3975

■ 33.6368, 26.5861,
-78.3975

■ 28.8689, 34.3144,
-97.6485

■ 39.1223, 19.8513,
-61.1718

■ 25.0454, 42.5776,
-117.5750

■ 45.1522, 14.0998,
-46.1219

■ 22.4084, 50.0788,
-134.8084

■ 51.6059, 9.1748,
-32.9531

■ 21.6842, 52.3939,
-140.2068

■ 58.3996, 4.9024,
-21.2903

■ 65.4740, 1.1348,
-10.7992

■ 72.7864, -2.2438,
-1.2124

■ 80.3051, -5.3209,
7.6758

■ 88.0060, -8.1628,
16.0215

■ 95.8703, -10.8193,
23.9434

Harmonies

Analogous

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



33.6372, -3.5148, -95.6732



33.6368, 26.5861, -78.3975



33.6372, 55.1929, -36.5537

Triad

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



33.6372, 26.5874, -78.3964



33.6372, 30.5830, 22.7623



33.6372, -39.7607, 3.4406

Complementary

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



33.6368, 26.5861, -78.3975



71.2947, -13.2146, 39.0168

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.



33.6372, -35.7049, 18.9490



33.6368, 26.5861, -78.3975



33.6372, -0.0432, 23.5461

Square

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



33.6372, 26.5874, -78.3964



33.6372, 57.9691, 17.8565



33.6372, -23.0760, 23.0644



33.6372, -36.6434, -31.0906

Rectangle

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



33.6368, 26.5861, -78.3975



33.6372, 66.2959, -10.1432



33.6372, -23.0760, 23.0644



33.6372, -39.2272, 10.5671

Sweetspot

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



33.6372, 26.5874, -78.3964



80.7829, 3.4765, -19.5977



69.1202, -34.9466, -0.7146



36.1703, 2.2553, -10.8661

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.6372, 26.5874, -78.3964



35.1876, 48.7155, -136.8756



35.9400, 43.1024, -70.3074



33.1503, -0.5355, -2.0647



17.4567, 41.1475, -110.6450



4.5790, 7.1100, -21.0719

Inverse Universe

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



41.8724, 46.9611, 15.8774



49.2948, 71.7800, 24.6475



70.2572, -35.3131, 37.9215



33.5087, 1.2831, 2.4956



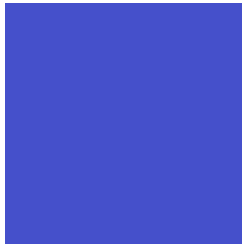
28.4792, 48.8789, 17.5690



6.5093, 11.2531, 3.3873

Previews

White Background



This preview shows how the HunterLab color 33.6368, 26.5861, -78.3975 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 33.6368, 26.5861, -78.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

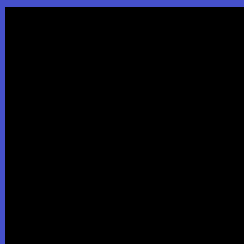
Any Text WCAG AA × Fail

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 33.6368, 26.5861, -78.3975 Background



This preview shows how black text looks on a background with the HunterLab color 33.6368, 26.5861, -78.3975.



This preview shows how white text looks on a background with the HunterLab color 33.6368, 26.5861, -78.3975.

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

33.6368, 26.5861, -78.3975

Protanopia

33.5975, 11.6294, -67.0985

Deuteranopia

33.3450, 0.8828, -43.5840



Tritanopia

33.3060, -15.7803, -7.5643

Trichromacy



Original Color

33.6368, 26.5861, -78.3975

Protanomaly

33.1792, 16.0330, -72.5978

Deuteranomaly

32.8233, 8.8715, -56.6556

Tritanomaly

32.3518, -3.1989, -29.9586

Monochromacy



Original Color

33.6368, 26.5861, -78.3975

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.1268, 5.6749, -20.3911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6368, 26.5861, -78.3975 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(69, 80, 203)` looks like.

```
.text, #text, p{  
    color:rgb(69, 80, 203)  
}
```

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(69, 80, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 80, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6368, 26.5861, -78.3975 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(69, 80, 203) }
```


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

```
.border{ border-color:rgb(69, 80, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 80, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 80, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 80, 203);  
box-shadow:4px 4px 4px 4px rgb(69, 80,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6368, 26.5861, -78.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 80, 203) }
```

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

```
.background{ background-color: rgb(69, 80,  
203) }
```

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