

Converting Colors

HunterLab(26.7978, 11.9200,
-36.4776)

Have a look what the booklet for
HunterLab(26.7978, 11.9200,
-36.4776) contains.

HunterLab(26.7978, 11.9200, -36.4776)	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(26.7978, 11.9200,
-36.4776)**

Conversions

Conversions Part 1

Format	Color
Hex	40458A
RGB	64, 69, 138
RGB Percent	25%, 27%, 54%
CMY	0.7490, 0.7294, 0.4588
CMYK	0.54, 0.50, 0.00, 0.46
HSL	236°, 37%, 40%
HSV	236°, 54%, 54%
XYZ	8.8299, 7.1812, 24.9655
YIQ	75.3710, -25.1290, 20.3990

Conversions

Conversions Part 2

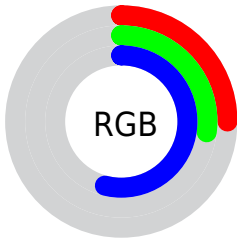
Format	Color
RYB	64, 69, 138
Decimal	4212106
CIELab	32.22, 18.63, -39.28
CIELCh	32, 43.472, 295.368
Yxy	7.1815, 0.2155, 0.1753
Android (android.graphics.Color)	4282402186 (0xFF40458A)
YUV	75.3710, 30.8761, -9.9724
Hunter-Lab	26.7978, 11.9200, -36.4776

Details

The HunterLab color **26.7978, 11.9200, -36.4776** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **47.4863, -8.6927, 23.0518**, and the grayscale version is **26.5583, -1.4171, 1.4430**.

A 20% lighter version of the original color is **45.0669, 13.0698, -37.6090**, and **11.9453, 10.3221, -37.2132** is the 20% darker color. If you saturate the color by 10%, you get **23.1507, 16.0307, -47.0343**, and if you desaturate by 10%, it is **30.7592, 8.3854, -27.2475**.

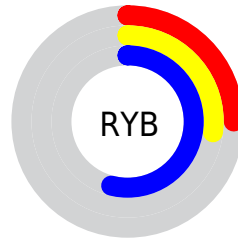
Distribution



Red (25%)

Green (27%)

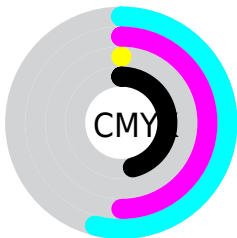
Blue (54%)



Red (25%)

Yellow (27%)

Blue (54%)

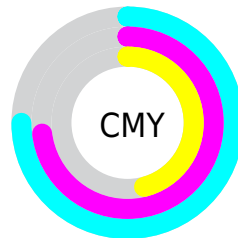


Cyan (54%)

Magenta (50%)

Yellow (0%)

Black (46%)



Cyan (75%)











Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.7978, 11.9200, -36.4776 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 26.7978, 11.9200, -36.4776 by changing the saturation by 10% instead.

 26.7978, 11.9200, -36.4776	 26.7978, 11.9200, -36.4776
130.0627, 14.4025, -41.6603	 18.9099, 11.1492, -36.4049
 45.0969, 13.0710, -37.5406	 11.9968, 10.2151, -37.3306
 55.3682, 13.4871, -38.2012	 4.9536, 16.1193, -54.0727
 66.3189, 13.8147, -38.8647	0.0000, NaN, -NF
	0.0000, NaN, -NF
 77.9093, 14.0633, -39.5059	0.0000, NaN, NaN
	0.0000, NaN, NaN
 90.1059, 14.2406, -40.1114	0.0000, NaN, NaN
	0.0000, NaN, NaN
102.8798, 14.3530,	

-40.6743

0.0000, NaN, NaN

116.2061, 14.4055,
-41.1911

■ 26.7978, 11.9200,
-36.4776

■ 26.7978, 11.9200,
-36.4776

■ 23.1507, 16.0307,
-47.0343

■ 30.7592, 8.3854,
-27.2475

■ 19.9109, 20.7631,
-58.9678

■ 34.9672, 5.3236,
-19.1305

■ 17.2083, 25.9634,
-71.7870

■ 39.3761, 2.6336,
-11.8958

■ 15.1963, 31.0384,
-83.9064

■ 43.9527, 0.2320,
-5.3479

■ 14.2734, 33.6565,
-90.4952

■ 48.6729, -1.9463,
0.6680

■ 53.5185, -3.9508,
6.2707

■ 58.4755, -5.8189,
11.5506

■ 63.5330, -7.5792,
16.5770

■ 68.6821, -9.2535,
21.4027

Harmonies

Analogous

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



26.7982, -3.6964, -42.1426



26.7978, 11.9200, -36.4776



26.7982, 26.3164, -19.0027

Triad

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



26.7982, 11.9203, -36.4768



26.7982, 16.7862, 15.5596



26.7982, -24.3518, 3.5590

Complementary

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



26.7978, 11.9200, -36.4776



47.4863, -8.6927, 23.0518

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.



26.7982, -21.0982, 12.7529



26.7978, 11.9200, -36.4776



26.7982, 0.9116, 16.8693

Square

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



26.7982, 11.9203, -36.4768



26.7982, 29.5273, 10.6760



26.7982, -12.5921, 16.2195



26.7982, -22.6452, -12.9689

Rectangle

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



26.7978, 11.9200, -36.4776



26.7982, 32.1378, -6.3425



26.7982, -12.5921, 16.2195



26.7982, -23.8265, 7.4487

Sweetspot

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



26.7982, 11.9203, -36.4768



56.6804, 1.1432, -9.3883



45.7478, -20.1397, -0.3777



26.3387, 0.8010, -5.1555



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



26.7982, 11.9203, -36.4768



29.9411, 22.3225, -65.0876



28.1537, 21.2553, -32.9170



22.2329, -0.3697, -1.2562



13.6997, 32.0946, -86.4065



1.3658, 1.7503, -5.4854

Inverse Universe

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



30.8224, 23.6005, 8.5752



36.9973, 38.9469, 13.6611



46.5656, -19.7823, 22.1706



22.4805, 0.7231, 1.6815



22.3017, 38.2804, 13.7287



1.8348, 3.1833, 0.8667

Previews

White Background



This preview shows how the HunterLab color 26.7978, 11.9200, -36.4776 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 26.7978, 11.9200, -36.4776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

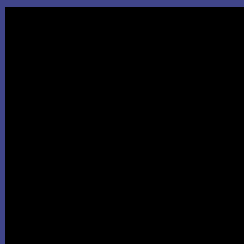
Any Text WCAG AA × Fail

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 26.7978, 11.9200, -36.4776 Background



This preview shows how black text looks on a background with the HunterLab color 26.7978, 11.9200, -36.4776.



This preview shows how white text looks on a background with the HunterLab color 26.7978, 11.9200, -36.4776.

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

26.7978, 11.9200, -36.4776

Protanopia

26.7588, 7.4703, -40.9596

Deuteranopia

26.7647, 1.5099, -35.0797



Tritanopia

26.8212, -7.8302, -4.0190

Trichromacy



Original Color

26.7978, 11.9200, -36.4776

Protanomaly

26.7622, 8.5084, -39.1878

Deuteranomaly

26.4481, 4.5311, -36.6788

Tritanomaly

26.6557, -1.6228, -13.9330

Monochromacy



Original Color

26.7978, 11.9200, -36.4776

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.4320, 2.2701, -9.5927

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.7978, 11.9200, -36.4776 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(64, 69, 138)` looks like.

```
.text, #text, p{  
    color:rgb(64, 69, 138)  
}
```

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(64, 69, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 69, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 26.7978, 11.9200, -36.4776 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(64, 69, 138) }
```


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

```
.border{ border-color:rgb(64, 69, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 69, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 69, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 69, 138);  
box-shadow:4px 4px 4px 4px rgb(64, 69,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.7978, 11.9200, -36.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 69, 138) }
```

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

```
.background{ background-color: rgb(64, 69,  
138) }
```

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