

Converting Colors

HunterLab(32.3003, 26.7698,
-11.6730)

Have a look what the booklet for
HunterLab(32.3003, 26.7698,
-11.6730) contains.

HunterLab(32.3306, 26.6227, -11.6179)	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(32.3306, 26.6227,
-11.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	854477
RGB	133, 68, 119
RGB Percent	52%, 27%, 47%
CMY	0.4784, 0.7333, 0.5333
CMYK	0.00, 0.49, 0.11, 0.48
HSL	313°, 32%, 39%
HSV	313°, 49%, 52%
XYZ	15.0697, 10.4527, 18.6760
YIQ	93.2490, 22.3690, 29.6410

Conversions

Conversions Part 2

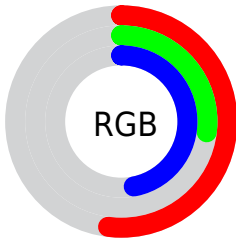
Format	Color
R_{YB}	133, 68, 119
Decimal	8733815
CIE _{Lab}	38.64, 35.09, -16.91
CIE _{LCh}	39, 38.950, 334.269
Y _{xy}	10.4532, 0.3410, 0.2365
Android (android.graphics.Color)	4286923895 (0xFF854477)
YUV	93.2490, 12.6952, 34.8616
Hunter-Lab	32.3306, 26.6227, -11.6179

Details

The HunterLab color $[32.3306, 26.6227, -11.6179]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[43.1434, -24.6325, 15.1823]$, and the grayscale version is $[33.1266, -1.7676, 1.7998]$.

A 20% lighter version of the original color is $[51.5640, 29.4280, -12.0121]$, and $[16.3011, 23.2859, -10.6227]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.9249, 32.2463, -13.8148]$, and if you desaturate by 10%, it is $[35.0977, 20.6767, -9.0408]$.

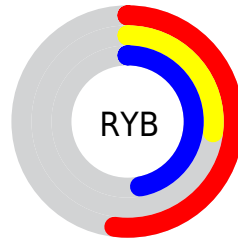
Distribution



Red (52%)

Green (27%)

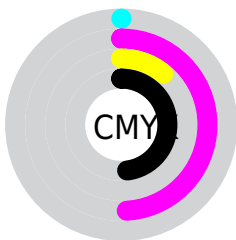
Blue (47%)



Red (52%)

Yellow (27%)

Blue (47%)

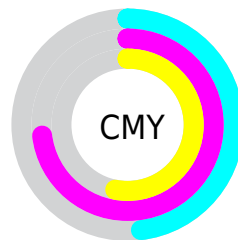


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.3306, 26.6227, -11.6179 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 32.3306, 26.6227, -11.6179 by changing the saturation by 10% instead.

■ 32.3306, 26.6227, -11.6179

■ 32.3306, 26.6227, -11.6179

■ 139.2395, 34.7347, -11.9741

■ 23.8756, 25.1691, -11.2542

■ 51.6182, 29.1333, -12.1275

■ 16.3211, 23.5937, -10.8330

■ 62.3312, 30.2101, -12.2784

■ 9.7920, 21.9770, -10.4169

■ 73.6972, 31.1812, -12.3653

0.0000, INF, -NF

0.0000, NaN, NaN

■ 85.6807, 32.0558, -12.3923

0.0000, NaN, NaN

■ 98.2514, 32.8418, -12.3634

0.0000, NaN, NaN

111.3830, 33.5464,

0.0000, NaN, NaN

-12.2820

0.0000, NaN, NaN

125.0525, 34.1756,
-12.1513

■ 32.3306, 26.6227,
-11.6179

■ 32.3306, 26.6227,
-11.6179

■ 29.9249, 32.2463,
-13.8148

■ 35.0977, 20.6767,
-9.0408

■ 27.9264, 37.2632,
-15.4777

■ 38.1753, 14.6174,
-6.2136

■ 26.3755, 41.3303,
-16.4461

■ 41.5202, 8.5714,
-3.2284

■ 25.2896, 44.1361,
-16.6059

■ 45.0943, 2.6087,
-0.1479

■ 24.5611, 45.8456,
-16.1146

■ 48.8659, -3.2389,
2.9876

■ 24.4811, 46.0365,
-16.0552

■ 52.8089, -8.9625,
6.1534

■ 56.9019, -14.5659,
9.3350

■ 61.1273, -20.0594,
12.5243

■ 65.4708, -25.4556,
15.7173

Harmonies

Analogous

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



32.3314, 15.0674, -27.7750



32.3306, 26.6227, -11.6179



32.3314, 30.1322, 3.6281

Triad

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



32.3314, 26.6213, -11.6170



32.3314, -3.7277, 18.3948



32.3314, -21.2826, -16.4731

Complementary

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



32.3306, 26.6227, -11.6179



43.1434, -24.6325, 15.1823

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.



32.3314, -24.6353, -0.2270



32.3306, 26.6227, -11.6179



32.3314, -15.6674, 16.6764

Square

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



32.3314, 26.6213, -11.6170



32.3314, 10.9563, 17.4731



32.3314, -22.7709, 11.1022



32.3314, -12.7135, -31.3237

Rectangle

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



32.3306, 26.6227, -11.6179



32.3314, 27.0094, 10.6944



32.3314, -22.7709, 11.1022



32.3314, -22.9831, -10.7907

Sweetspot

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



32.3314, 26.6213, -11.6170



57.2175, 8.6388, -2.8768



27.5274, 14.6910, -30.5756



26.7583, 4.7799, -1.7132



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



32.3314, 26.6213, -11.6170



39.6163, 44.2014, -18.8646



31.3331, 21.9675, 2.4254



21.7856, 1.3358, -0.1100



23.8953, 44.9390, -15.7035



1.4436, 2.7759, -1.4215

Inverse Universe

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



32.3314, 26.6213, -11.6170



39.6163, 44.2014, -18.8646



43.8267, -20.5701, 5.3100



21.7856, 1.3358, -0.1100



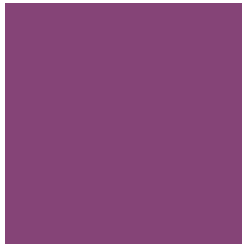
23.8953, 44.9390, -15.7035



1.4436, 2.7759, -1.4215

Previews

White Background



This preview shows how the HunterLab color 32.3306, 26.6227, -11.6179 looks on a white background.

Color Contrast Check

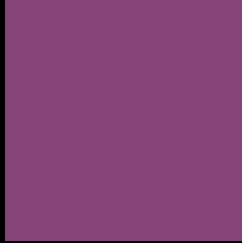
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3306, 26.6227, -11.6179 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 32.3306, 26.6227, -11.6179 Background



This preview shows how black text looks on a background with the HunterLab color 32.3306, 26.6227, -11.6179.



This preview shows how white text looks on a background with the HunterLab color 32.3306, 26.6227, -11.6179.

-11.6179.

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

32.3306, 26.6227, -11.6179

Protanopia

32.5982, 3.6280, -22.2145

Deuteranopia

32.5958, 1.9641, -9.3830



Tritanopia

32.3190, 16.1290, 5.5529

Trichromacy



Original Color

32.3306, 26.6227, -11.6179

Protanomaly

31.9181, 11.1200, -19.3676

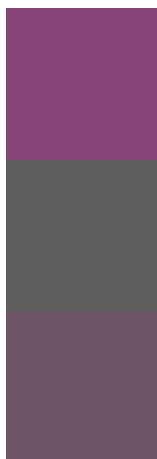
Deuteranomaly

31.9978, 10.2687, -10.7194

Tritanomaly

32.1514, 19.5402, 0.1887

Monochromacy



Original Color

32.3306, 26.6227, -11.6179

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.3853, 8.1050, -2.9158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.3306, 26.6227, -11.6179 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(133, 68, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 68, 119)  
}
```

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(133, 68, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 68, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 32.3306, 26.6227, -11.6179 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(133, 68, 119) }
```


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

```
.border{ border-color:rgb(133, 68, 119) }
```

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

Here you see how a box with a 4 pixel rgb(133, 68, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 68, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 68, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 68,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.3306, 26.6227, -11.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 68, 119) }
```

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

```
.background{ background-color: rgb(133, 68,  
119) }
```

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