

Converting Colors

HunterLab(36.8917, 9.7179,
-26.1849)

Have a look what the booklet for
HunterLab(36.8917, 9.7179,
-26.1849) contains.

HunterLab(36.8671, 9.8658, -26.2759)	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(36.8671, 9.8658,
-26.2759)**

Conversions

Conversions Part 1

Format	Color
Hex	64619A
RGB	100, 97, 154
RGB Percent	39%, 38%, 60%
CMY	0.6078, 0.6196, 0.3961
CMYK	0.35, 0.37, 0.00, 0.40
HSL	243°, 23%, 49%
HSV	243°, 37%, 60%
XYZ	15.3630, 13.5918, 32.3856
YIQ	104.3950, -16.5090, 18.3630

Conversions

Conversions Part 2

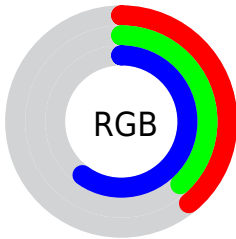
Format	Color
RYB	100, 97, 154
Decimal	6578586
CIELab	43.64, 15.29, -30.67
CIELCh	44, 34.271, 296.491
Yxy	13.5923, 0.2505, 0.2216
Android (android.graphics.Color)	4284768666 (0xFF64619A)
YUV	104.3950, 24.4553, -3.8544
Hunter-Lab	36.8671, 9.8658, -26.2759

Details

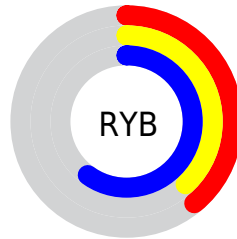
The HunterLab color $[36.8671, 9.8658, -26.2759]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[55.2755, -11.2339, 21.7327]$, and the grayscale version is $[37.2715, -1.9887, 2.0250]$.

A 20% lighter version of the original color is $[57.0575, 10.3807, -27.3416]$, and $[20.0625, 8.9087, -25.4035]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.0289, 14.1930, -36.6087]$, and if you desaturate by 10%, it is $[41.9853, 5.9781, -17.1970]$.

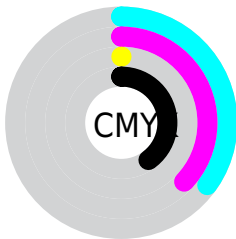
Distribution



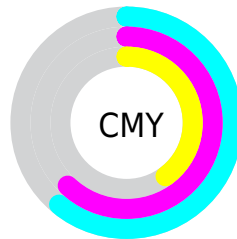
- Red (39%)
- Green (38%)
- Blue (60%)



- Red (39%)
- Yellow (38%)
- Blue (60%)



- Cyan (35%)
- Magenta (37%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8671, 9.8658, -26.2759 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 36.8671, 9.8658, -26.2759 by changing the saturation by 10% instead.

■ 36.8671, 9.8658,
-26.2759

■ 36.8671, 9.8658,
-26.2759

■ 146.5196, 10.2706,
-29.9289

■ 27.9959, 9.4290,
-25.7012

■ 56.8893, 10.4380,
-27.4208

■ 19.9781, 8.8679,
-25.2334

■ 67.9335, 10.5994,
-27.9368

■ 12.9177, 8.1550,
-25.1249

■ 79.6123, 10.6895,
-28.4018

■ 6.3502, 10.1505,
-29.7156

■ 91.8928, 10.7152,
-28.8130

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.7470, 10.6819,
-29.1703

0.0000, NaN, NaN

■ 118.1502, 10.5943,

0.0000, NaN, NaN

-29.4744

0.0000, NaN, NaN

132.0808, 10.4561,
-29.7267

■ 36.8671, 9.8658,
-26.2759

■ 36.8671, 9.8658,
-26.2759

■ 32.0289, 14.1930,
-36.6087

■ 41.9853, 5.9781,
-17.1970

■ 27.5429, 19.0605,
-48.5053

■ 47.3299, 2.4326,
-9.0905

■ 23.5181, 24.5111,
-62.1526

■ 52.8654, -0.8518,
-1.7270

■ 20.1091, 30.3725,
-77.2166

■ 58.5649, -3.9374,
5.0678

■ 17.5136, 35.9712,
-92.0764

■ 64.4085, -6.8716,
11.4254

■ 15.8574, 40.2500,
-103.8316

■ 70.3808, -9.6899,
17.4442

■ 15.4448, 41.5554,
-107.1164

■ 76.4694, -12.4194,
23.1988

■ 82.6646, -15.0806,
28.7461

■ 88.9581, -17.6893,
34.1298

Harmonies

Analogous

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



36.8678, -3.4878, -30.5214



36.8671, 9.8658, -26.2759



36.8678, 21.2925, -13.6955

Triad

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



36.8678, 9.8656, -26.2749



36.8678, 12.8821, 16.8452



36.8678, -23.7624, 3.4338

Complementary

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



36.8671, 9.8658, -26.2759



55.2755, -11.2339, 21.7327

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.



36.8678, -20.5941, 12.8751



36.8671, 9.8658, -26.2759



36.8678, -0.4255, 18.7335

Square

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



36.8678, 9.8656, -26.2749



36.8678, 23.1968, 11.1215



36.8678, -12.4769, 17.5834



36.8678, -21.7927, -10.2636

Rectangle

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



36.8671, 9.8658, -26.2759



36.8678, 25.6426, -3.9959



36.8678, -12.4769, 17.5834



36.8678, -23.2755, 7.1440

Sweetspot

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



36.8678, 9.8656, -26.2749



68.0832, 0.6781, -6.3991



52.0157, -16.0334, -3.0764



31.9475, 0.5851, -3.6326



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



36.8678, 9.8656, -26.2749



44.5216, 17.8305, -46.2123



39.3692, 17.5341, -21.4755



24.5786, -0.0693, -1.5705



13.9588, 37.5219, -96.5373



1.8097, 4.6694, -11.0031

Inverse Universe

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



42.0169, 24.9769, -14.9865



53.1692, 41.7324, -25.2664



53.0658, -19.4276, 19.7225



25.1357, 1.7969, -0.6501



26.9944, 52.4882, -31.0797



3.3229, 6.4952, -4.0902

Previews

White Background



This preview shows how the HunterLab color 36.8671, 9.8658, -26.2759 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 36.8671, 9.8658, -26.2759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

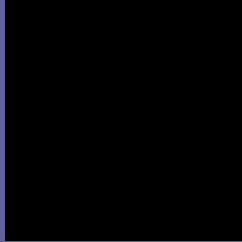
Any Text WCAG AA × Fail

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 36.8671, 9.8658, -26.2759 Background



This preview shows how black text looks on a background with the HunterLab color 36.8671, 9.8658, -26.2759.

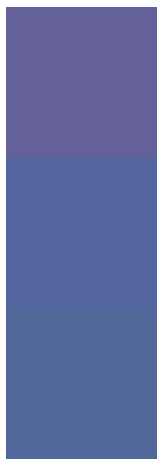


This preview shows how white text looks on a background with the HunterLab color 36.8671, 9.8658, -26.2759.

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

36.8671, 9.8658, -26.2759

Protanopia

36.8985, 5.0528, -29.1526

Deuteranopia

36.8130, 2.9492, -25.8021



Tritanopia

36.7997, -4.2367, -3.0472

Trichromacy



Original Color

36.8671, 9.8658, -26.2759

Protanomaly

36.9764, 6.5574, -28.2481

Deuteranomaly

36.7273, 5.3801, -25.9257

Tritanomaly

36.6980, 0.6157, -10.9307

Monochromacy



Original Color

36.8671, 9.8658, -26.2759

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

36.8728, 2.0844, -6.8489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8671, 9.8658, -26.2759 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(100, 97, 154)` looks like.

```
.text, #text, p{  
    color:rgb(100, 97, 154)  
}
```

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(100, 97, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 97, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8671, 9.8658, -26.2759 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(100, 97, 154) }
```


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

```
.border{ border-color:rgb(100, 97, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 97, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 97, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 97, 154);  
box-shadow:4px 4px 4px 4px rgb(100, 97,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8671, 9.8658, -26.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 97, 154) }
```

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

```
.background{ background-color: rgb(100, 97,  
154) }
```

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