

# Converting Colors

HunterLab(36.5232, 26.7568,  
4.0463)

Have a look what the booklet for  
HunterLab(36.5232, 26.7568,  
4.0463) contains.

<b>HunterLab(36.4680, 26.4712, 4.1482)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(36.4680, 26.4712,  
4.1482)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4E62
RGB	155, 78, 98
RGB Percent	61%, 31%, 38%
CMY	0.3922, 0.6941, 0.6157
CMYK	0.00, 0.50, 0.37, 0.39
HSL	344°, 33%, 46%
HSV	344°, 50%, 61%
XYZ	18.4465, 13.2992, 13.1500
YIQ	103.3030, 39.4720, 22.5440

# Conversions

## Conversions Part 2

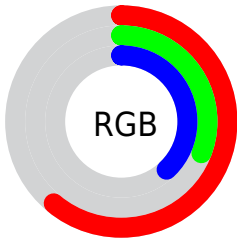
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 78, 98</a>
Decimal	<a href="#">10178146</a>
CIELab	<a href="#">43.21, 34.27, 3.23</a>
CIElCh	<a href="#">43, 34.418, 5.383</a>
Yxy	<a href="#">13.2998, 0.4109, 0.2962</a>
Android (android.graphics.Color)	<a href="#">4288368226</a> ( <a href="#">0xFF9B4E62</a> )
YUV	<a href="#">103.3030, -2.6144, 45.3383</a>
Hunter-Lab	<a href="#">36.4680, 26.4712, 4.1482</a>

# Details

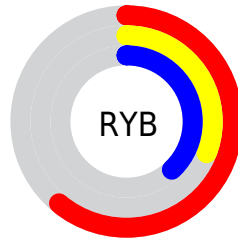
The HunterLab color **36.4680, 26.4712, 4.1482** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51.7802, -24.3003, 5.2336**, and the grayscale version is **36.9428, -1.9712, 2.0072**.

A 20% lighter version of the original color is **56.4513, 29.0394, 5.4298**, and **19.7316, 23.6021, 2.8096** is the 20% darker color. If you saturate the color by 10%, you get **33.3906, 32.2781, 5.3092**, and if you desaturate by 10%, it is **40.0006, 20.4180, 3.3615**.

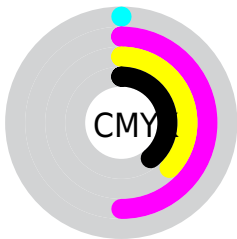
# Distribution



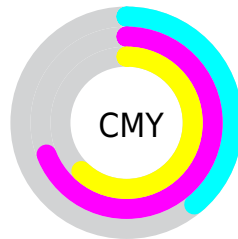
- Red (61%)
- Green (31%)
- Blue (38%)



- Red (61%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (50%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (69%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4680, 26.4712, 4.1482 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 36.4680, 26.4712, 4.1482 by changing the saturation by 10% instead.



36.4680, 26.4712,  
4.1482

36.4680, 26.4712,  
4.1482

145.8871, 33.9142,  
11.4427

27.6321, 25.1115,  
3.4640

56.4282, 28.8002,  
5.5946

19.6533, 23.6201,  
2.8021

67.4442, 29.7944,  
6.3559

12.6370, 22.0251,  
2.1584

79.0964, 30.6880,  
7.1427

5.9627, 26.0921,  
2.5691

91.3516, 31.4898,  
7.9545

0.0000, INF, NaN

0.0000, NaN, NaN

104.1815, 32.2071,  
8.7909

0.0000, NaN, NaN

117.5615, 32.8467,

0.0000, NaN, NaN

131.4698, 33.4141,  
10.5355

■ 36.4680, 26.4712,  
4.1482

■ 36.4680, 26.4712,  
4.1482

■ 33.3906, 32.2781,  
5.3092

■ 40.0006, 20.4180,  
3.3615

■ 30.8393, 37.5172,  
6.8445

■ 43.9159, 14.3354,  
2.9117

■ 28.8798, 41.7654,  
8.6980


■ 48.1541, 8.3367,  
2.7525


■ 27.5465, 44.6189,  
10.7366


■ 52.6655, 2.4738,  
2.8367


■ 26.7152, 46.2347,  
12.6907


■ 57.4096, -3.2384,  
3.1227

 26.6898, 46.2877,  
12.7465

 62.3542, -8.8050,  
3.5756

 67.4734, -14.2399,  
4.1670

 72.7465, -19.5603,  
4.8743

 78.1566, -24.7836,  
5.6793

# Harmonies

## Analogous

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



36.4689, 23.7126, -9.3920



36.4680, 26.4712, 4.1482



36.4689, 20.7866, 13.2566

# Triad

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



36.4689, 26.4691, 4.1490



36.4689, -15.3397, 16.5516



36.4689, -11.8001, -26.9753

# Complementary

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



36.4680, 26.4712, 4.1482



51.7802, -24.3003, 5.2336

# 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.



36.4689, -20.1946, -14.6696



36.4680, 26.4712, 4.1482



36.4689, -22.0285, 10.5763

# Square

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



36.4689, 26.4691, 4.1490



36.4689, -4.2665, 18.6250



36.4689, -23.6729, -0.3201



36.4689, 0.4302, -30.5693



# Rectangle

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



36.4680, 26.4712, 4.1482



36.4689, 13.3896, 16.6472



36.4689, -23.6729, -0.3201



36.4689, -15.1065, -23.5512

# Sweetspot

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



36.4689, 26.4691, 4.1490



67.0460, 7.6942, 3.6963



35.9483, 29.1864, -28.4834



31.3386, 4.3965, 1.7523



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.



36.4689, 26.4691, 4.1490



44.1268, 44.3060, 7.3813



39.8484, 15.7023, 14.1037



24.9954, 1.0438, 1.3452



23.9315, 41.5265, 11.2539



3.0155, 5.4048, 0.0833



# Inverse Universe

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



36.4689, 26.4691, 4.1490



44.1268, 44.3060, 7.3813



46.7841, -13.1600, -10.7019



24.9954, 1.0438, 1.3452



23.9315, 41.5265, 11.2539

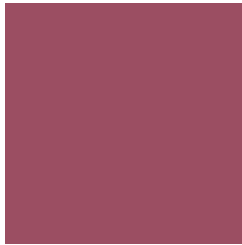


3.0155, 5.4048, 0.0833



# Previews

## White Background



This preview shows how the HunterLab color 36.4680, 26.4712, 4.1482 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

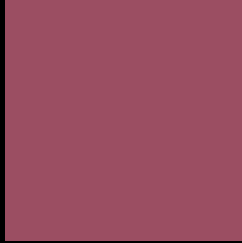
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 36.4680, 26.4712, 4.1482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

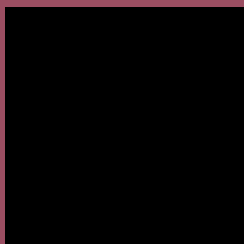
Any Text WCAG AA × Fail

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 36.4680, 26.4712, 4.1482 Background



This preview shows how black text looks on a background with the HunterLab color 36.4680, 26.4712, 4.1482.



This preview shows how white text looks on a background with the HunterLab color 36.4680, 26.4712,



# 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

36.4680, 26.4712, 4.1482

### Protanopia

36.7388, -0.3752, -2.1070

### Deuteranopia

36.6918, 2.5829, 5.1602



## Tritanopia

36.4407, 23.7862, 8.5465

# Trichromacy



## Original Color

36.4680, 26.4712, 4.1482

## Protanomaly

35.9933, 8.6895, -0.5821

## Deuteranomaly

36.1559, 11.0693, 4.3259

## Tritanomaly

36.3320, 24.6954, 7.0349

# Monochromacy



## Original Color

36.4680, 26.4712, 4.1482

## Achromatopsia

36.8284, -1.9651, 2.0010

## Achromatomaly

36.1698, 7.6575, 2.2399

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 36.4680, 26.4712, 4.1482 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(155, 78, 98)` looks like.

```
.text, #text, p{  
    color:rgb(155, 78, 98)  
}
```

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(155, 78, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 78, 98) }
```

## Border

The CSS property to change the border of an element to HunterLab 36.4680, 26.4712, 4.1482 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(155, 78, 98) }
```



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

```
.border{ border-color:rgb(155, 78, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 78, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 78, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 78, 98);  
box-shadow:4px 4px 4px 4px rgb(155, 78,  
98) }
```

# Background

The CSS property to change the background color of an element to HunterLab 36.4680, 26.4712, 4.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 78, 98) }
```

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

```
.background{ background-color: rgb(155, 78,  
98) }
```

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