

# Converting Colors

HunterLab(23.4549, -15.0324,  
-28.9807)

Have a look what the booklet for  
HunterLab(23.4549, -15.0324,  
-28.9807) contains.

<b>HunterLab(26.2678, -4.7478, -22.5833)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(26.2678, -4.7478,  
-22.5833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004F76
RGB	0, 79, 118
RGB Percent	0%, 31%, 46%
CMY	0.9999, 0.6902, 0.5373
CMYK	1.00, 0.33, 0.00, 0.54
HSL	200°, 100%, 23%
HSV	200°, 100%, 46%
XYZ	6.0660, 6.9000, 18.1517
YIQ	59.8250, -59.6030, -4.6190

# Conversions

## Conversions Part 2

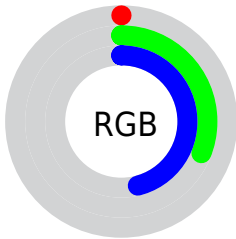
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 47, 118
Decimal	20342
CIELab	31.58, -5.26, -28.04
CIELCh	32, 28.531, 259.368
Yxy	6.9002, 0.1949, 0.2217
Android (android.graphics.Color)	4278210422 (0xFF004F76)
YUV	59.8250, 28.6803, -52.4665
Hunter-Lab	26.2678, -4.7478, -22.5833

# Details

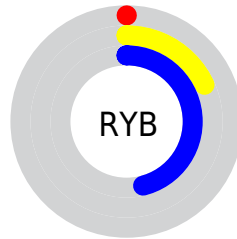
The HunterLab color **26.2678, -4.7478, -22.5833** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **23.0294, 23.2355, 14.5964**, and the grayscale version is **21.1175, -1.1268, 1.1474**.

A 20% lighter version of the original color is **44.4932, -6.4566, -23.3742**, and **12.7739, 1.0546, -18.2429** is the 20% darker color. If you saturate the color by 10%, you get **26.2668, -4.7461, -22.5857**, and if you desaturate by 10%, it is **27.4887, -5.8658, -20.1327**.

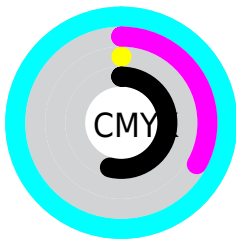
# Distribution



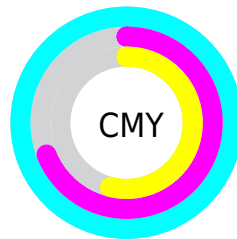
- Red (0%)
- Green (31%)
- Blue (46%)



- Red (0%)
- Yellow (18%)
- Blue (46%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (69%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.2678, -4.7478, -22.5833 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 26.2678, -4.7478, -22.5833 by changing the saturation by 10% instead.



■ 26.2678, -4.7478,  
-22.5833

■ 26.2678, -4.7478,  
-22.5833

■ 129.1634,  
-12.6827, -26.1750

■ 18.4384, -3.9366,  
-22.1057

■ 44.4659, -6.3914,  
-23.6936

■ 11.5924, -3.1179,  
-21.9523

■ 54.6923, -7.2346,  
-24.2101

■ 4.1805, -5.7101,  
-35.4214

■ 65.6010, -8.0951,  
-24.6763

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 77.1516, -8.9741,  
-25.0870

0.0000, NaN, NaN

■ 89.3104, -9.8721,  
-25.4411

0.0000, NaN, NaN

■ 102.0482,

0.0000, NaN, NaN

-10.7894, -25.7394

0.0000, NaN, NaN

115.3400,  
-11.7263, -25.9834

26.2678, -4.7478,  
-22.5833

26.2678, -4.7478,  
-22.5833

26.2668, -4.7461,  
-22.5857

27.4887, -5.8658,  
-20.1327

28.7782, -6.7588,  
-17.6972

30.1728, -7.2912,  
-15.2151

31.6709, -7.4681,  
-12.7019

33.2687, -7.3056,  
-10.1735

■ 34.9612, -6.8267,  
-7.6435

■ 36.7428, -6.0572,  
-5.1228

■ 38.6078, -5.0240,  
-2.6194

■ 40.5507, -3.7532,  
-0.1388

# Harmonies

## Analogous

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



26.2682, -12.4514, -15.8548



26.2678, -4.7478, -22.5833



26.2682, 5.0547, -21.3394

# Triad

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



26.2682, -4.7474, -22.5827



26.2682, 18.5489, 6.6471



26.2682, -14.0813, 10.5396

# Complementary

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



26.2678, -4.7478, -22.5833



23.0294, 23.2355, 14.5964

# 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.



26.2682, -7.2915, 13.2445



26.2678, -4.7478, -22.5833



26.2682, 11.8401, 11.6256

# Square

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



26.2682, -4.7474, -22.5827



26.2682, 19.4919, -2.0486



26.2682, 2.1176, 13.5530



26.2682, -17.2986, 4.4894



# Rectangle

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



26.2678, -4.7478, -22.5833



26.2682, 11.4672, -16.2571



26.2682, 2.1176, 13.5530



26.2682, -12.1909, 11.7606

# Sweetspot

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



26.2682, -4.7474, -22.5827



48.5382, -8.1221, -7.0459



36.1843, -29.6861, 18.8579



22.8963, -4.0706, -3.9052



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

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



26.2682, -4.7474, -22.5827



34.4772, -5.7494, -30.6821



13.6691, 22.4423, -65.5280



19.9023, -1.7683, 0.0477



27.2779, -4.8710, -23.5800



58.8577, -8.6439, -54.9074



# Inverse Universe

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



21.0153, 38.6718, -7.2433



27.8210, 51.1230, -8.9879



35.0499, -1.8133, 21.5652



19.3348, 1.0394, 0.1775



21.8521, 40.2060, -7.4581



48.0693, 88.1470, -14.1079



# Previews

## White Background



This preview shows how the HunterLab color 26.2678, -4.7478, -22.5833 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 26.2678, -4.7478, -22.5833 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

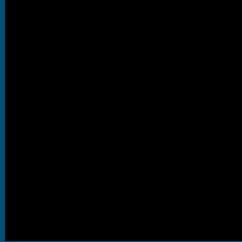
Any Text WCAG AA × Fail

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 26.2678, -4.7478, -22.5833 Background



This preview shows how black text looks on a background with the HunterLab color 26.2678, -4.7478, -22.5833.



This preview shows how white text looks on a background with the HunterLab color 26.2678, -4.7478, -22.5833.



# 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

26.2678, -4.7478, -22.5833

### Protanopia

26.3618, 3.2127, -18.8368

### Deuteranopia

26.4897, 1.5703, -22.7130



## Tritanopia

26.2827, -12.7403, -5.3484

# Trichromacy



## Original Color

26.2678, -4.7478, -22.5833

## Protanomaly

25.8869, -0.8454, -21.2122

## Deuteranomaly

26.0617, -1.2303, -23.6673

## Tritanomaly

26.3717, -10.1582, -11.0338

# Monochromacy



## Original Color

26.2678, -4.7478, -22.5833

## Achromatopsia

21.2570, -1.1342, 1.1549

## Achromatomaly

22.4064, -5.0215, -6.8801

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 26.2678, -4.7478, -22.5833 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(0, 79, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 118)  
}
```

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(0, 79, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 118) }
```

## Border

The CSS property to change the border of an element to HunterLab 26.2678, -4.7478, -22.5833 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(0, 79, 118) }
```



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

```
.border{ border-color:rgb(0, 79, 118) }
```

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

Here you see how a box with a 4 pixel rgb(0, 79, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 118)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 26.2678, -4.7478, -22.5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 118) }
```

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

```
.background{ background-color: rgb(0, 79,  
118) }
```

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