

# Converting Colors

HunterLab(27.7176, -6.6812,  
-20.2217)

Have a look what the booklet for  
HunterLab(27.7176, -6.6812,  
-20.2217) contains.

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# Color

**HunterLab(27.6994, -6.5861,  
-20.4044)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005477
RGB	0, 84, 119
RGB Percent	0%, 33%, 47%
CMY	0.9999, 0.6706, 0.5333
CMYK	1.00, 0.29, 0.00, 0.53
HSL	198°, 100%, 23%
HSV	198°, 100%, 47%
XYZ	6.5001, 7.6726, 18.5912
YIQ	62.8740, -61.2990, -6.9230

# Conversions

## Conversions Part 2

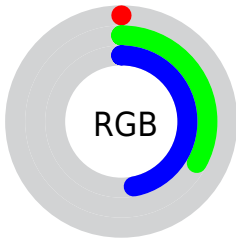
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 49, 119
Decimal	21623
CIELab	33.29, -7.99, -25.97
CIELCh	33, 27.171, 252.894
Yxy	7.6728, 0.1984, 0.2342
Android (android.graphics.Color)	4278211703 (0xFF005477)
YUV	62.8740, 27.6701, -55.1405
Hunter-Lab	27.6994, -6.5861, -20.4044

# Details

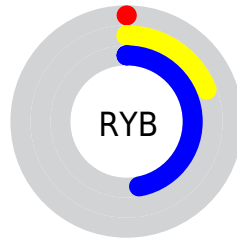
The HunterLab color **27.6994, -6.5861, -20.4044** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.6381, 25.1132, 14.3881**, and the grayscale version is **22.1751, -1.1832, 1.2048**.

A 20% lighter version of the original color is **46.0121, -8.5107, -21.4428**, and **13.7595, -0.3256, -16.4952** is the 20% darker color. If you saturate the color by 10%, you get **27.6986, -6.5847, -20.4063**, and if you desaturate by 10%, it is **28.8224, -7.5264, -18.2736**.

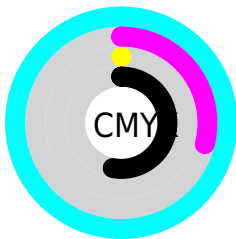
# Distribution



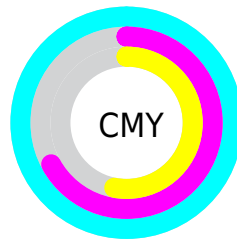
- Red (0%)
- Green (33%)
- Blue (47%)



- Red (0%)
- Yellow (19%)
- Blue (47%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (67%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6994, -6.5861, -20.4044 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 27.6994, -6.5861, -20.4044 by changing the saturation by 10% instead.



27.6994, -6.5861,  
-20.4044

27.6994, -6.5861,  
-20.4044

131.5837,  
-15.8248, -23.4808

19.7137, -5.5679,  
-19.8896

46.1676, -8.5869,  
-21.4533

12.6893, -4.5126,  
-19.5573

56.5141, -9.5886,  
-21.9139

6.0369, -6.0912,  
-23.5509

67.5354, -10.5977,  
-22.3176

0.0000, NaN, -NF

0.0000, NaN, NaN

79.1926, -11.6169,  
-22.6626

0.0000, NaN, NaN

91.4525, -12.6482,  
-22.9494

0.0000, NaN, NaN

104.2869,

0.0000, NaN, NaN

-13.6927, -23.1800

0.0000, NaN, NaN

117.6713,  
-14.7514, -23.3563

27.6994, -6.5861,  
-20.4044

27.6994, -6.5861,  
-20.4044

27.6986, -6.5847,  
-20.4063

28.8224, -7.5264,  
-18.2736

30.0105, -8.2462,  
-16.1328

31.2999, -8.6105,  
-13.9242

32.6906, -8.6203,  
-11.6610

34.1801, -8.2880,  
-9.3579

■ 35.7645, -7.6337,  
-7.0290

■ 37.4391, -6.6813,  
-4.6863

■ 39.1989, -5.4563,  
-2.3397

■ 41.0385, -3.9843,  
0.0030

# Harmonies

## Analogous

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



27.6999, -13.4894, -12.8907



27.6994, -6.5861, -20.4044



27.6999, 2.6597, -20.9625

# Triad

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



27.6999, -6.5858, -20.4038



27.6999, 18.3776, 5.0685



27.6999, -12.7141, 11.3597

# Complementary

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



27.6994, -6.5861, -20.4044



22.6381, 25.1132, 14.3881

# 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.



27.6999, -5.3891, 13.5574



27.6994, -6.5861, -20.4044



27.6999, 13.0055, 10.8256

# Square

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



27.6999, -6.5858, -20.4038



27.6999, 17.9447, -4.0264



27.6999, 4.0258, 13.4015



27.6999, -16.6912, 6.0931



# Rectangle

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



27.6994, -6.5861, -20.4044



27.6999, 9.0080, -17.1057



27.6999, 4.0258, 13.4015



27.6999, -10.6069, 12.3891

# Sweetspot

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



27.6999, -6.5858, -20.4038



49.9225, -9.0528, -6.5139



36.4799, -30.1660, 19.5244



23.9255, -4.6351, -3.6930



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202



# Same Dimension

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



27.6999, -6.5858, -20.4038



36.7327, -8.3179, -27.9566



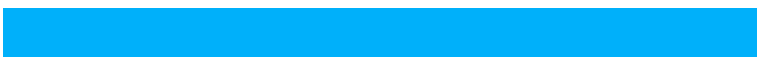
14.3587, 20.8047, -62.8550



19.9551, -1.8540, 0.1109



28.5204, -6.7433, -21.0913



61.7259, -13.0468, -48.9876



# Inverse Universe

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



21.3597, 39.5724, -9.4279



28.5385, 52.8021, -12.0169



34.3357, -0.0865, 21.1553



19.3403, 1.0689, 0.0995



22.0117, 40.7771, -9.6634



48.4311, 89.4439, -19.1247



# Previews

## White Background



This preview shows how the HunterLab color 27.6994, -6.5861, -20.4044 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 27.6994, -6.5861, -20.4044 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

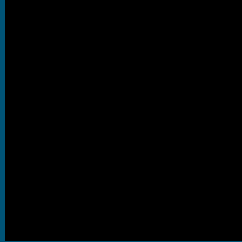
Any Text WCAG AA × Fail

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 27.6994, -6.5861, -20.4044 Background



This preview shows how black text looks on a background with the HunterLab color 27.6994, -6.5861, -20.4044.



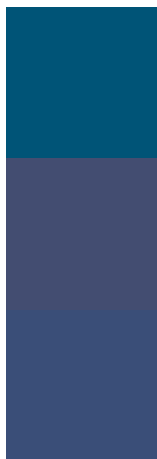
This preview shows how white text looks on a background with the HunterLab color 27.6994, -6.5861, -20.4044.



# 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

27.6994, -6.5861, -20.4044

### Protanopia

27.7368, 2.6180, -16.2580

### Deuteranopia

27.7568, 1.9689, -20.8181



## Tritanopia

27.6126, -13.2293, -5.9551

# Trichromacy



## Original Color

27.6994, -6.5861, -20.4044

## Protanomaly

27.3655, -2.4946, -18.3226

## Deuteranomaly

27.3618, -2.0754, -21.6802

## Tritanomaly

27.6312, -11.0414, -10.7014

# Monochromacy



## Original Color

27.6994, -6.5861, -20.4044

## Achromatopsia

22.2950, -1.1896, 1.2113

## Achromatomaly

23.6265, -5.9158, -6.0815

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 27.6994, -6.5861, -20.4044 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, 84, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 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(0, 84, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 119) }
```

## Border

The CSS property to change the border of an element to HunterLab 27.6994, -6.5861, -20.4044 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, 84, 119) }
```



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

```
.border{ border-color:rgb(0, 84, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 84, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 84, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 84, 119)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 27.6994, -6.5861, -20.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 119) }
```

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

```
.background{ background-color: rgb(0, 84,  
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](#).

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