

Converting Colors

HunterLab(26.2868, -9.5580,
-31.1286)

Have a look what the booklet for
HunterLab(26.2868, -9.5580,
-31.1286) contains.

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Color

**HunterLab(27.8774, -3.6075,
-27.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	005381
RGB	0, 83, 129
RGB Percent	0%, 33%, 51%
CMY	0.9999, 0.6745, 0.4941
CMYK	1.00, 0.36, 0.00, 0.49
HSL	201°, 100%, 25%
HSV	201°, 100%, 51%
XYZ	7.0557, 7.7715, 21.8970
YIQ	63.4270, -64.2340, -3.2900

Conversions

Conversions Part 2

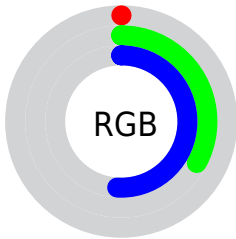
Format	Color
RYB	0, 51, 129
Decimal	21377
CIELab	33.50, -3.23, -31.83
CIELCh	34, 31.990, 264.198
Yxy	7.7717, 0.1921, 0.2116
Android (android.graphics.Color)	4278211457 (0xFF005381)
YUV	63.4270, 32.3275, -55.6255
Hunter-Lab	27.8774, -3.6075, -27.0567

Details

The HunterLab color **27.8774, -3.6075, -27.0567** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **25.7342, 24.5435, 16.2858**, and the grayscale version is **22.3525, -1.1927, 1.2145**.

A 20% lighter version of the original color is **46.3225, -4.9387, -28.1878**, and **14.1970, 2.0214, -22.1086** is the 20% darker color. If you saturate the color by 10%, you get **27.8760, -3.6051, -27.0602**, and if you desaturate by 10%, it is **29.2987, -5.0656, -24.0641**.

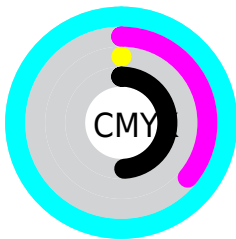
Distribution



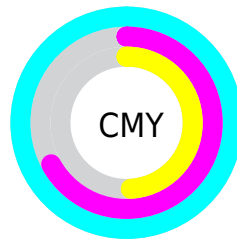
- Red (0%)
- Green (33%)
- Blue (51%)



- Red (0%)
- Yellow (20%)
- Blue (51%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8774, -3.6075, -27.0567 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 27.8774, -3.6075, -27.0567 by changing the saturation by 10% instead.

■ 27.8774, -3.6075,
-27.0567

■ 27.8774, -3.6075,
-27.0567

■ 131.8827,
-10.6346, -31.2881

■ 19.8727, -2.9462,
-26.6163

■ 46.3786, -4.9978,
-28.2280

■ 12.8266, -2.3034,
-26.5973

■ 56.7398, -5.7302,
-28.8083

■ 6.2273, -2.5955,
-31.9757

■ 67.7749, -6.4874,
-29.3493

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.4450, -7.2692,
-29.8420

0.0000, NaN, NaN

■ 91.7174, -8.0753,
-30.2826

0.0000, NaN, NaN

■ 104.5637, -8.9052,

0.0000, NaN, NaN

-30.6700

0.0000, NaN, NaN

117.9593, -9.7585,
-31.0048

27.8774, -3.6075,
-27.0567

27.8774, -3.6075,
-27.0567

27.8760, -3.6051,
-27.0602

29.2987, -5.0656,
-24.0641

30.8083, -6.2396,
-21.0948

32.4404, -7.0015,
-18.0917

34.1918, -7.3589,
-15.0744

36.0572, -7.3329,
-12.0612

■ 38.0301, -6.9518,
-9.0672

■ 40.1034, -6.2469,
-6.1033

■ 42.2701, -5.2498,
-3.1768

■ 44.5234, -3.9908,
-0.2920

Harmonies

Analogous

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



27.8778, -12.8739, -20.3902



27.8774, -3.6075, -27.0567



27.8778, 7.7776, -23.9708

Triad

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



27.8778, -3.6070, -27.0561



27.8778, 20.6895, 8.6032



27.8778, -16.7296, 10.9496

Complementary

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



27.8774, -3.6075, -27.0567



25.7342, 24.5435, 16.2858

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.



27.8778, -9.6838, 14.3845



27.8774, -3.6075, -27.0567



27.8778, 12.0788, 13.4465

Square

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



27.8778, -3.6070, -27.0561



27.8778, 22.9890, -0.6067



27.8778, 0.6943, 15.0761



27.8778, -19.6534, 3.4866

Rectangle

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



27.8774, -3.6075, -27.0567



27.8778, 14.9455, -17.2387



27.8778, 0.6943, 15.0761



27.8778, -14.8234, 12.4763

Sweetspot

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



27.8778, -3.6070, -27.0561



53.4632, -8.4407, -8.4500



39.8641, -32.4749, 20.2788



24.9669, -4.1906, -4.6803



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



27.8778, -3.6070, -27.0561



36.9085, -4.1949, -37.0768



14.3641, 27.0774, -76.4019



21.5333, -1.8610, -0.0168



27.5398, -3.5825, -26.6887

0.0000, NaN, NaN

Inverse Universe

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



23.0045, 42.1066, -6.1798



30.7351, 56.1767, -7.5963



39.6791, -3.7951, 24.3829



20.9456, 1.1412, 0.2382



22.7160, 41.5855, -6.1249

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 27.8774, -3.6075, -27.0567 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 27.8774, -3.6075, -27.0567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

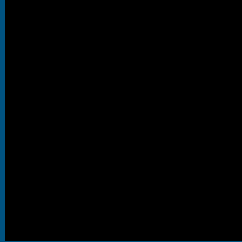
Any Text WCAG AA × Fail

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 27.8774, -3.6075, -27.0567 Background



This preview shows how black text looks on a background with the HunterLab color 27.8774, -3.6075, -27.0567.



This preview shows how white text looks on a background with the HunterLab color 27.8774, -3.6075, -27.0567.

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

27.8774, -3.6075, -27.0567

Protanopia

27.9054, 4.1203, -23.2477

Deuteranopia

27.9428, 2.1887, -27.5547



Tritanopia

27.9063, -13.5911, -5.5412

Trichromacy



Original Color

27.8774, -3.6075, -27.0567

Protanomaly

27.4402, 0.1077, -25.7388

Deuteranomaly

27.6135, -0.2727, -28.3351

Tritanomaly

27.7797, -10.1792, -12.7483

Monochromacy



Original Color

27.8774, -3.6075, -27.0567

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.4937, -4.7547, -8.3618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8774, -3.6075, -27.0567 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, 83, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 129)  
}
```

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, 83, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8774, -3.6075, -27.0567 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, 83, 129) }
```


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

```
.border{ border-color:rgb(0, 83, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 83, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 129)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.8774, -3.6075, -27.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 129) }
```

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

```
.background{ background-color: rgb(0, 83,  
129) }
```

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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