

Converting Colors

HunterLab(24.2107, -16.8704,
-37.7445)

Have a look what the booklet for
HunterLab(24.2107, -16.8704,
-37.7445) contains.

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Color

**HunterLab(27.9736, -3.0743,
-28.3281)**

Conversions

Conversions Part 1

Format	Color
Hex	005383
RGB	0, 83, 131
RGB Percent	0%, 33%, 51%
CMY	0.9999, 0.6745, 0.4863
CMYK	1.00, 0.37, 0.00, 0.49
HSL	202°, 100%, 26%
HSV	202°, 100%, 51%
XYZ	7.1900, 7.8252, 22.6042
YIQ	63.6550, -64.8760, -2.6680

Conversions

Conversions Part 2

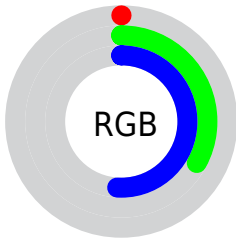
Format	Color
RYB	0, 51, 131
Decimal	21379
CIELab	33.62, -2.40, -32.88
CIELCh	34, 32.966, 265.826
Yxy	7.8255, 0.1911, 0.2080
Android (android.graphics.Color)	4278211459 (0xFF005383)
YUV	63.6550, 33.2011, -55.8254
Hunter-Lab	27.9736, -3.0743, -28.3281

Details

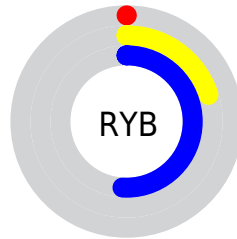
The HunterLab color **27.9736, -3.0743, -28.3281** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **26.3451, 24.4820, 16.6612**, and the grayscale version is **22.4290, -1.1968, 1.2186**.

A 20% lighter version of the original color is **46.4123, -4.4423, -29.4084**, and **14.3008, 2.5676, -23.4173** is the 20% darker color. If you saturate the color by 10%, you get **27.9722, -3.0718, -28.3317**, and if you desaturate by 10%, it is **29.4484, -4.6315, -25.1678**.

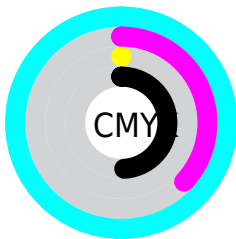
Distribution



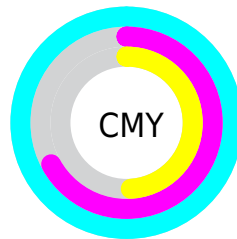
- Red (0%)
- Green (33%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.9736, -3.0743, -28.3281 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 27.9736, -3.0743, -28.3281 by changing the saturation by 10% instead.

■ 27.9736, -3.0743,
-28.3281

■ 27.9736, -3.0743,
-28.3281

■ 132.0442, -9.7218,
-32.7290

■ 19.9586, -2.4736,
-27.9125

■ 46.4926, -4.3604,
-29.5066

■ 12.9009, -1.9003,
-27.9663

■ 56.8617, -5.0466,
-30.1032

■ 6.3277, -1.9904,
-33.4140

■ 67.9042, -5.7605,
-30.6647

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.5814, -6.5015,
-31.1803

0.0000, NaN, NaN

■ 91.8604, -7.2688,
-31.6455

0.0000, NaN, NaN

■ 104.7131, -8.0618,

0.0000, NaN, NaN

-32.0585

0.0000, NaN, NaN

118.1149, -8.8796,
-32.4194

27.9736, -3.0743,
-28.3281

27.9736, -3.0743,
-28.3281

27.9722, -3.0718,
-28.3317

29.4484, -4.6315,
-25.1678

31.0165, -5.8916,
-22.0379

32.7112, -6.7278,
-18.8815

34.5292, -7.1493,
-15.7196

36.4643, -7.1788,
-12.5710

■ 38.5095, -6.8461,
-9.4506

■ 40.6574, -6.1839,
-6.3690

■ 42.9004, -5.2250,
-3.3329

■ 45.2316, -4.0008,
-0.3455

Harmonies

Analogous

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



27.9740, -12.7855, -21.8421



27.9736, -3.0743, -28.3281



27.9740, 8.7232, -24.5419

Triad

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



27.9740, -3.0738, -28.3275



27.9740, 21.1287, 9.1763



27.9740, -17.4345, 10.8946

Complementary

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



27.9736, -3.0743, -28.3281



26.3451, 24.4820, 16.6612

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.



27.9740, -10.4274, 14.5503



27.9736, -3.0743, -28.3281



27.9740, 11.9320, 13.8738

Square

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



27.9740, -3.0738, -28.3275



27.9740, 23.9322, -0.0400



27.9740, 0.1214, 15.3675



27.9740, -20.1903, 3.0002

Rectangle

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



27.9736, -3.0743, -28.3281



27.9740, 16.0512, -17.2822



27.9740, 0.1214, 15.3675



27.9740, -15.5590, 12.5141

Sweetspot

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



27.9740, -3.0738, -28.3275



54.2006, -8.3512, -8.8119



40.5327, -33.0284, 20.6379



25.6459, -4.2023, -4.9682



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



27.9740, -3.0738, -28.3275



37.0279, -3.4582, -38.8164



14.5855, 27.6045, -77.8166



22.3596, -1.9122, -0.0463



27.7615, -3.0624, -28.0886



2.0164, -0.7397, -0.9236

Inverse Universe

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



23.3458, 42.6515, -5.6517



31.1913, 56.9035, -6.8801



40.3379, -3.8459, 24.7880



21.7592, 1.1943, 0.2648



23.1624, 42.3222, -5.6211



1.4141, 2.6720, -1.0271

Previews

White Background



This preview shows how the HunterLab color 27.9736, -3.0743, -28.3281 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 27.9736, -3.0743, -28.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

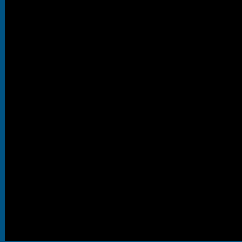
Any Text WCAG AA × Fail

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 27.9736, -3.0743, -28.3281 Background



This preview shows how black text looks on a background with the HunterLab color 27.9736, -3.0743, -28.3281.



This preview shows how white text looks on a background with the HunterLab color 27.9736, -3.0743, -28.3281.

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

27.9736, -3.0743, -28.3281

Protanopia

28.1908, 3.9469, -24.0735

Deuteranopia

28.1758, 1.8318, -28.5424



Tritanopia

27.9063, -13.5911, -5.5412

Trichromacy



Original Color

27.9736, -3.0743, -28.3281

Protanomaly

27.7978, 0.1669, -26.4265

Deuteranomaly

27.9243, -0.3746, -29.1496

Tritanomaly

27.7797, -10.1792, -12.7483

Monochromacy



Original Color

27.9736, -3.0743, -28.3281

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.8379, -4.8067, -8.3585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.9736, -3.0743, -28.3281 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 27.9736, -3.0743, -28.3281 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, 131) }
```


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

```
.border{ border-color:rgb(0, 83, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 131)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.9736, -3.0743, -28.3281 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, 131) }
```

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

```
.background{ background-color: rgb(0, 83,  
131) }
```

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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