

Converting Colors

Hex(316079)

Have a look what the booklet for
Hex(316079) contains.

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Color

Hex(316079)

Conversions

Conversions Part 1

Format	Color
Hex	316079
RGB	49, 96, 121
RGB Percent	19%, 38%, 47%
CMY	0.8078, 0.6235, 0.5255
CMYK	0.60, 0.21, 0.00, 0.53
HSL	201°, 42%, 33%
HSV	201°, 60%, 47%
XYZ	8.9007, 10.3992, 19.6273
YIQ	84.7970, -36.0370, -2.1890

Conversions

Conversions Part 2

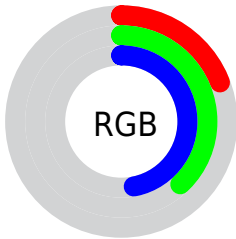
Format	Color
RYB	49, 77, 121
Decimal	3235961
CIELab	38.55, -8.07, -18.93
CIElCh	39, 20.577, 246.903
Yxy	10.3992, 0.2286, 0.2671
Android (android.graphics.Color)	4281426041 (0xFF316079)
YUV	84.7970, 17.8481, -31.3940
Hunter-Lab	32.2478, -7.1659, -13.5128

Details

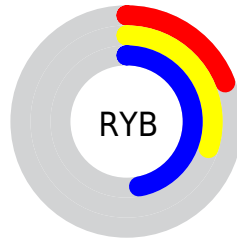
The Hex color **316079** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **794A31**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6692AD**, and **003248** is the 20% darker color. If you saturate the color by 10%, you get **255C79**, and if you desaturate by 10%, it is **3D6479**.

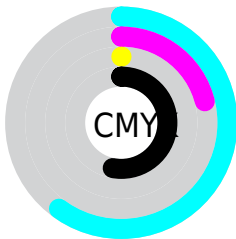
Distribution



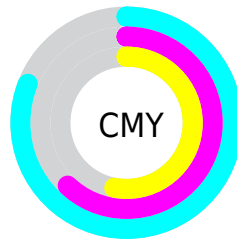
- Red (19%)
- Green (38%)
- Blue (47%)



- Red (19%)
- Yellow (30%)
- Blue (47%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (53%)



- Cyan (81%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316079 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 Hex color 316079 by changing the saturation by 10% instead.

■ 316079

■ 316079

FFFFFF

■ 144860

■ 6692AD

■ 003248

■ 80ADC9

■ 001D32

■ 9BC8E5

■ 00021D

■ B7E4FF

■ 000000

■ D3FFFF

■ F0FFFF

■ 316079

■ 316079

■ 255C79

■ 3D6479

■ 195879

■ 496879

■ 0D5379

■ 556D79

■ 014F79

■ 617179

■ 004F79

■ 6D7579

■ 7A7979

■ 867D79

■ 928279

■ 9E8679

Harmonies

Analogous

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



22636E



316079



4A5B7C

Triad

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



316079



7B4E57



506040

Complementary

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



316079



794A31

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.



625B39



316079



7A5048

Square

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



316079



735068



71553C



3D634D

Rectangle

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



316079



5B5778



71553C



575E3D

Sweetspot

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



316079



82949E



317949



3E494F



CFCFCF



4F4F4F

Same Dimension

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



316079



2E779E



313D79



373B3D



00527D



00A5FC

Inverse Universe

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



793160



9E2E77



796D31



3D373B



7D0052



FC00A5

Previews

White Background



This preview shows how the Hex color 316079 looks on a white background.

Color Contrast Check

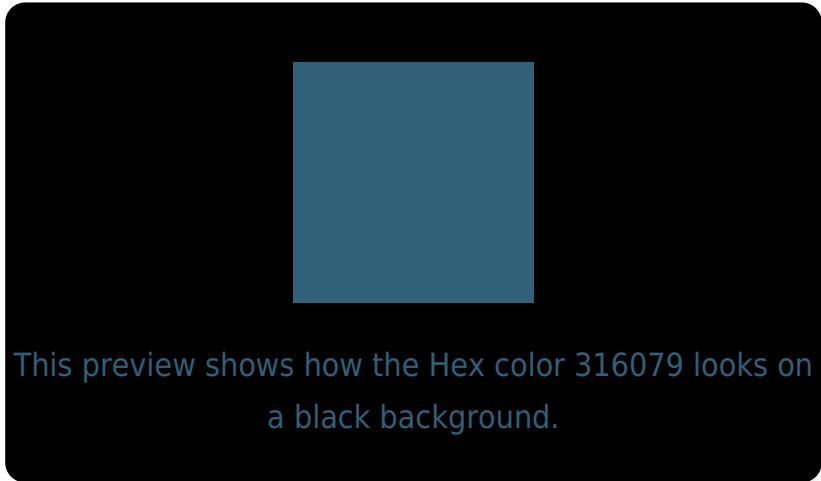
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

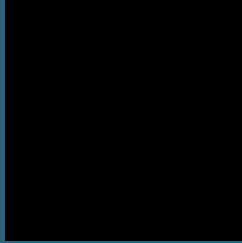
Any Text WCAG AA × Fail

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](#).

Hex 316079 Background



This preview shows how black text looks on a background with the Hex color 316079.




This preview shows how white text looks on a background with the Hex color 316079.

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](#).

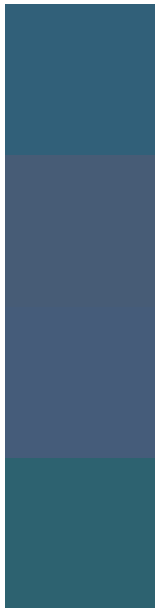
Dichromacy





Tritanopia
2B636B

Trichromacy



Original Color
316079

Protanomaly
475C76

Deuteranomaly
455C7A

Tritanomaly
2D6270

Monochromacy



Original Color
316079

Achromatopsia
555555

Achromatomaly
485962

CSS Examples

Text

The CSS property to change the color of the text to Hex 316079 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 #316079 looks like.

```
.text, #text, p{  
    color:#316079  
}
```

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 #316079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316079
}
```

Border

The CSS property to change the border of an element to Hex 316079 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
#316079 }
```

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

```
.border{ border-color:#316079 }
```

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

Here you see how a box with a 4 pixel #316079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316079; -webkit-box-shadow:4px 4px  
4px 4px #316079; box-shadow:4px 4px 4px  
4px #316079 }
```

Background

The CSS property to change the background color of an element to Hex 316079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316079 }
```

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

```
.background{ background-color:#316079 }
```

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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