

Converting Colors

Hex(316976)

Have a look what the booklet for
Hex(316976) contains.

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Color

Hex(316976)

Conversions

Conversions Part 1

Format	Color
Hex	316976
RGB	49, 105, 118
RGB Percent	19%, 41%, 46%
CMY	0.8078, 0.5882, 0.5373
CMYK	0.58, 0.11, 0.00, 0.54
HSL	191°, 41%, 33%
HSV	191°, 58%, 46%
XYZ	9.5882, 12.0641, 18.9628
YIQ	89.7380, -37.5490, -7.8290

Conversions

Conversions Part 2

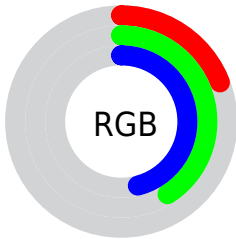
Format	Color
RYB	49, 80, 118
Decimal	3238262
CIELab	41.32, -14.30, -12.87
CIElCh	41, 19.237, 221.972
Yxy	12.0641, 0.2361, 0.2970
Android (android.graphics.Color)	4281428342 (0xFF316976)
YUV	89.7380, 13.9332, -35.7272
Hunter-Lab	34.7334, -11.5084, -8.0561




Details

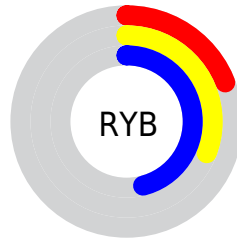
The Hex color **316976** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763E31**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **669CAA**, and **003A46** is the 20% darker color. If you saturate the color by 10%, you get **256776**, and if you desaturate by 10%, it is **3D6B76**.

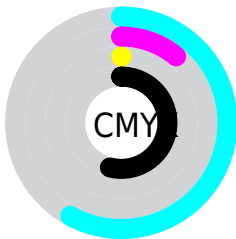
Distribution







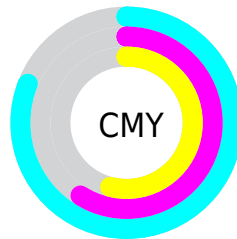
-  Red (19%)
-  Green (41%)
-  Blue (46%)






-  Red (19%)
-  Yellow (31%)
-  Blue (46%)



-  Cyan (58%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (81%)
-  Magenta (59%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316976 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 316976 by changing the saturation by 10% instead.

■ 316976

■ 316976

FFFFFF

■ 13515D

■ 669CAA

■ 003A46

■ 81B7C5

■ 00242F

■ 9CD3E1

■ 000A1B

■ B8EFFE

■ 000000

■ D4FFFF

■ F1FFFF

■ 316976

■ 316976

■ 256776

■ 3D6B76

■ 196576

■ 496D76

■ 0E6276

■ 547076

■ 026076

■ 607276

■ 006076

■ 6C7476

■ 787676

■ 847976

■ 8F7B76

■ 9B7D76

Harmonies

Analogous

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



346A67



316976



40667F

Triad

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



316976



7B576C



666242

Complementary

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



316976



763E31

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.



755D44



316976



81565C

Square

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



316976



6C5B79



7F584D



55674A

Rectangle

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



316976



4F6381



7F584D



6C6142

Sweetspot

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



316976



7D9499



31763E



3C494D



CCCCCC



4D4D4D

Same Dimension

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



316976



2E8599



314776



353A3B



00637A



00CBFA

Inverse Universe

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



763169



992E85



766031



3B353A



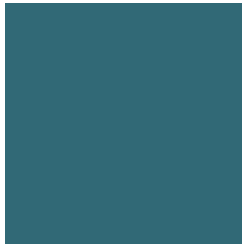
7A0063



FA00CB

Previews

White Background



This preview shows how the Hex color 316976 looks on a white background.

Color Contrast Check

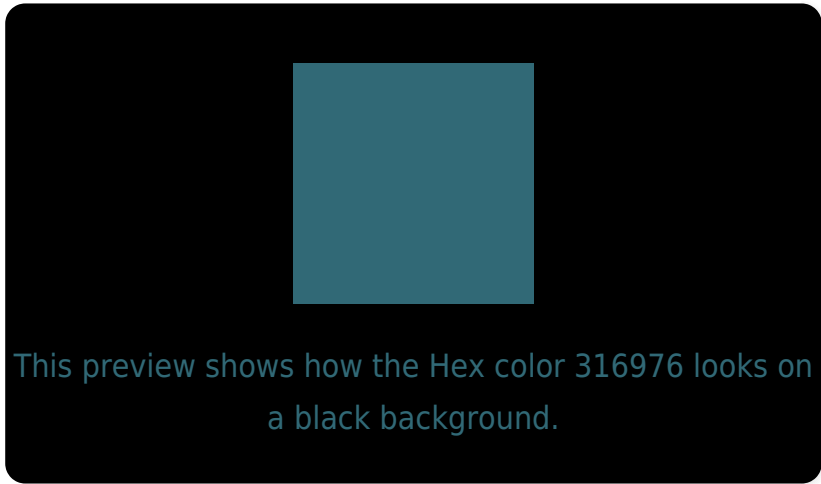
Large Text (above 18pt) WCAG AA ✓ Pass

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

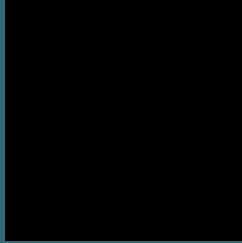
Any Text WCAG AA × Fail

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 316976 Background



This preview shows how black text looks on a background with the Hex color 316976.



This preview shows how white text looks on a background with the Hex color 316976.

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
2F6A72

Trichromacy



Original Color
316976

Protanomaly
4E6372

Deuteranomaly
4E6377

Tritanomaly
306A73

Monochromacy



Original Color
316976

Achromatopsia
5A5A5A

Achromatomaly
4B5F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 316976 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 #316976 looks like.

```
.text, #text, p{  
    color:#316976  
}
```

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 #316976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316976  
}
```

Border

The CSS property to change the border of an element to Hex 316976 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  
#316976 }
```

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

```
.border{ border-color:#316976 }
```

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

Here you see how a box with a 4 pixel #316976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316976; -webkit-box-shadow:4px 4px  
4px 4px #316976; box-shadow:4px 4px 4px  
4px #316976 }
```

Background

The CSS property to change the background color of an element to Hex 316976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316976 }
```

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

```
.background{ background-color:#316976 }
```

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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