

Converting Colors

Hex(316273)

Have a look what the booklet for
Hex(316273) contains.

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Color

Hex(316273)

Conversions

Conversions Part 1

Format	Color
Hex	316273
RGB	49, 98, 115
RGB Percent	19%, 38%, 45%
CMY	0.8078, 0.6157, 0.5490
CMYK	0.57, 0.15, 0.00, 0.55
HSL	195°, 40%, 32%
HSV	195°, 57%, 45%
XYZ	8.7288, 10.6261, 17.8106
YIQ	85.2870, -34.6610, -5.1010

Conversions

Conversions Part 2

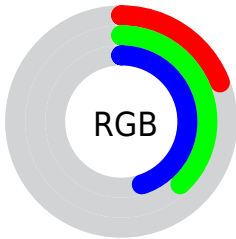
Format	Color
RYB	49, 77, 115
Decimal	3236467
CIELab	38.94, -11.24, -14.65
CIElCh	39, 18.465, 232.499
Yxy	10.6261, 0.2349, 0.2859
Android (android.graphics.Color)	4281426547 (0xFF316273)
YUV	85.2870, 14.6485, -31.8237
Hunter-Lab	32.5978, -9.2485, -9.5762




Details

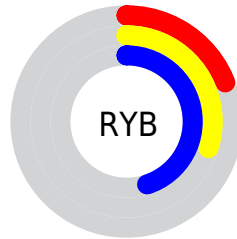
The Hex color **316273** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734231**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **6595A7**, and **003343** is the 20% darker color. If you saturate the color by 10%, you get **265F73**, and if you desaturate by 10%, it is **3D6573**.

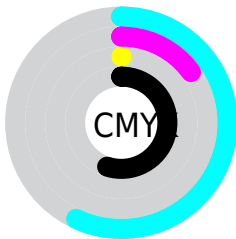
Distribution







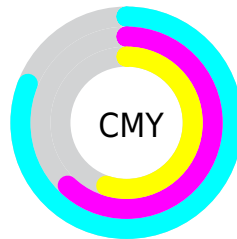
-  Red (19%)
-  Green (38%)
-  Blue (45%)






-  Red (19%)
-  Yellow (30%)
-  Blue (45%)



-  Cyan (57%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (81%)
-  Magenta (62%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316273 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 316273 by changing the saturation by 10% instead.

■ 316273

■ 316273

FFFFFF

■ 144A5A

■ 6595A7

■ 003343

■ 80AFC2

■ 001E2D

■ 9BCBDE

■ 000119

■ B6E7FB

■ 000000

■ D2FFFF

■ EFFFFFF

■ 316273

■ 316273

■ 265F73

■ 3D6573

■ 1A5C73

■ 486873

■ 0F5973

■ 546B73

■ 035673

■ 5F6E73

■ 005573

■ 6B7173

■ 767473

■ 827773

■ 8D7A73

■ 997D73

Harmonies

Analogous

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



2D6467



316273



435E79

Triad

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



316273



775160



5B5E40

Complementary

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



316273



734231

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.



6A593E



316273



7A5151

Square

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



316273



6B546E



755545



496249

Rectangle

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



316273



525B79



755545



605D3E

Sweetspot

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



316273



7D9096



317342



3D494D



CCCCCC



4D4D4D

Same Dimension

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



316273



2F7C96



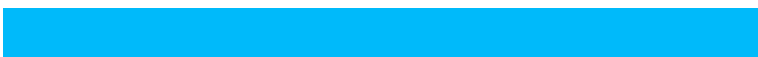
314273



35393B



005B7A



00BAFA

Inverse Universe

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



733162



962F7C



736331



3B3539



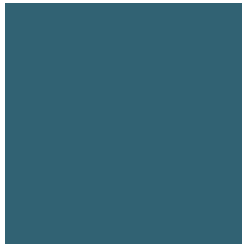
7A005B



FA00BA

Previews

White Background



This preview shows how the Hex color 316273 looks on a white background.

Color Contrast Check

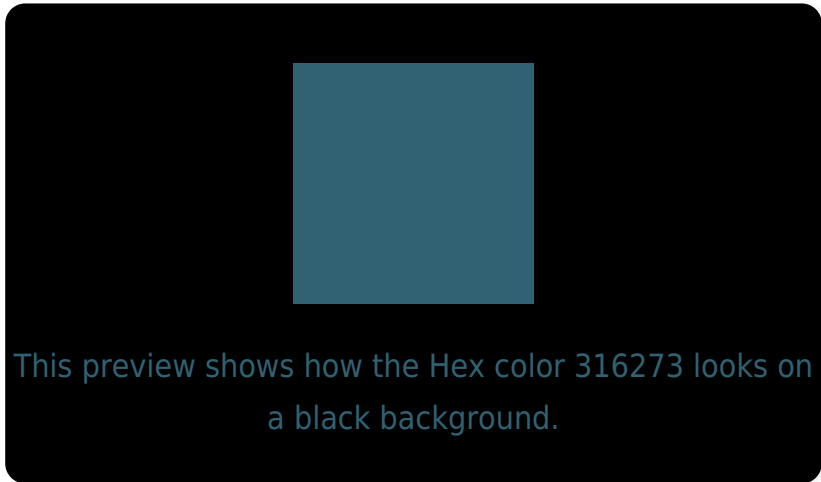
Large Text (above 18pt) WCAG AA ✓ Pass

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

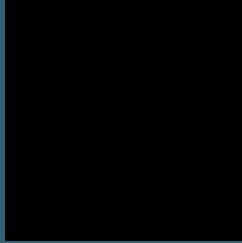
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

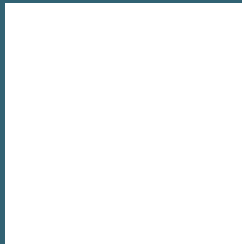
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 316273 Background



This preview shows how black text looks on a background with the Hex color 316273.

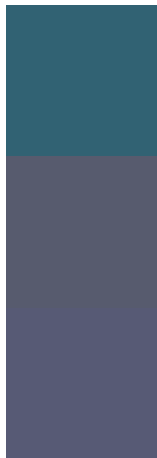


This preview shows how white text looks on a background with the Hex color 316273.

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
316273

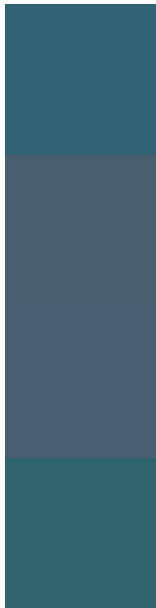
Protanopia
575B6E

Deuteranopia
575A75



Tritanopia
2E636B

Trichromacy



Original Color
316273

Protanomaly
495E70

Deuteranomaly
495D74

Tritanomaly
2F636E

Monochromacy



Original Color
316273

Achromatopsia
555555

Achromatomaly
485A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 316273 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 #316273 looks like.

```
.text, #text, p{  
    color:#316273  
}
```

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 #316273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316273
}
```

Border

The CSS property to change the border of an element to Hex 316273 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
#316273 }
```

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

```
.border{ border-color:#316273 }
```

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

Here you see how a box with a 4 pixel #316273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316273; -webkit-box-shadow:4px 4px  
4px 4px #316273; box-shadow:4px 4px 4px  
4px #316273 }
```

Background

The CSS property to change the background color of an element to Hex 316273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316273 }
```

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

```
.background{ background-color:#316273 }
```

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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