

Converting Colors

Hex(17316F)

Have a look what the booklet for
Hex(17316F) contains.

Hex(17316F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(17316F)

Conversions

Conversions Part 1

Format	Color
Hex	17316F
RGB	23, 49, 111
RGB Percent	9%, 19%, 44%
CMY	0.9098, 0.8078, 0.5647
CMYK	0.79, 0.56, 0.00, 0.56
HSL	222°, 66%, 26%
HSV	222°, 79%, 44%
XYZ	4.3209, 3.5265, 15.4919
YIQ	48.2940, -35.3980, 13.7700

Conversions

Conversions Part 2

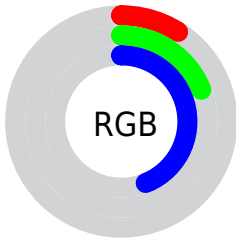
Format	Color
R_{YB}	23, 43, 111
Decimal	1519983
CIE _{Lab}	22.04, 14.48, -38.82
CIE _{LCh}	22, 41.439, 290.460
Yxy	3.5265, 0.1851, 0.1511
Android (android.graphics.Color)	4279710063 (0xFF17316F)
YUV	48.2940, 30.9141, -22.1828
Hunter-Lab	18.7789, 8.2085, -35.7666

Details

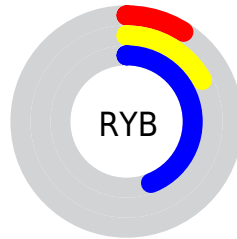
The Hex color **17316F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F5517**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **515FA3**, and **00023F** is the 20% darker color. If you saturate the color by 10%, you get **0C296F**, and if you desaturate by 10%, it is **22396F**.

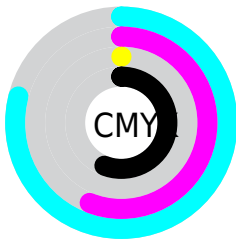
Distribution



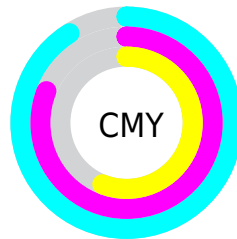
- Red (9%)
- Green (19%)
- Blue (44%)



- Red (9%)
- Yellow (17%)
- Blue (44%)



- Cyan (79%)
- Magenta (56%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17316F 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 17316F by changing the saturation by 10% instead.

■ 17316F

■ 17316F

FFFFFF

■ 001D56

■ 515FA3

■ 00023F

■ 6C77BF

■ 000328

■ 8791DB

■ 000111

■ A3ABF7

■ 000000

■ BFC7FF

■ DCE2FF

■ F9FFFF

■ 17316F

■ 17316F

■ 0C296F

■ 22396F

■ 01216F

■ 2D416F

■ 00216F

■ 38486F

■ 43506F

■ 4F586F

■ 5A606F

■ 65686F

■ 70706F

■ 7B776F

Harmonies

Analogous

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



003B72



17316F



4F215C

Triad

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



17316F



5F2101



00412A

Complementary

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



17316F



6F5517

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.



003F08



17316F



4A3000

Square

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



17316F



691121



2F3900



004249

Rectangle

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



17316F



60154A



2F3900



00411F

Sweetspot

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



17316F



6E7991



176F55



353B4A



C9C9C9



4A4A4A

Same Dimension

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



17316F



073091



29176F



323438



002378



0049F7

Inverse Universe

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



6F1731



910730



5D6F17



383234



780023



F70049

Previews

White Background



This preview shows how the Hex color 17316F looks on a white background.

Color Contrast Check

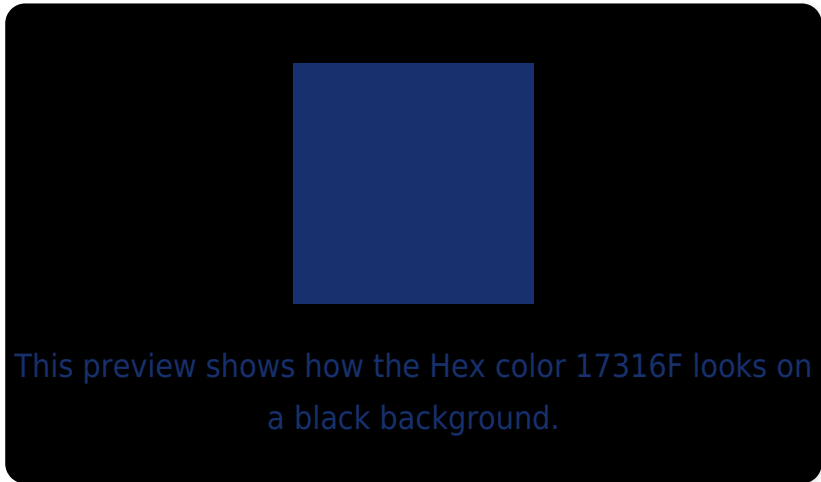
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

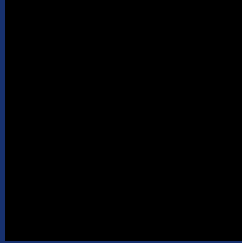
Any Text WCAG AA × Fail

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](#).

Hex 17316F Background



This preview shows how black text looks on a background with the Hex color 17316F.



This preview shows how white text looks on a background with the Hex color 17316F.

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
17316F

Protanopia
00336C

Deuteranopia
00365D



Tritanopia
003B3F

Trichromacy



Original Color
17316F

Protanomaly
08326D

Deuteranomaly
083464

Tritanomaly
083750

Monochromacy



Original Color
17316F

Achromatopsia
303030

Achromatomaly
273047

CSS Examples

Text

The CSS property to change the color of the text to Hex 17316F 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 #17316F looks like.

```
.text, #text, p{  
    color:#17316F  
}
```

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 #17316F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17316F
}
```

Border

The CSS property to change the border of an element to Hex 17316F 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
#17316F }
```

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

```
.border{ border-color:#17316F }
```

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

Here you see how a box with a 4 pixel #17316F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17316F; -webkit-box-shadow:4px 4px  
4px 4px #17316F; box-shadow:4px 4px 4px  
4px #17316F }
```

Background

The CSS property to change the background color of an element to Hex 17316F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17316F }
```

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

```
.background{ background-color:#17316F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor