

Converting Colors

Hex(016D83)

Have a look what the booklet for
Hex(016D83) contains.

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Color

Hex(016D83)

Conversions

Conversions Part 1

Format	Color
Hex	016D83
RGB	1, 109, 131
RGB Percent	0%, 43%, 51%
CMY	0.9961, 0.5725, 0.4863
CMYK	0.99, 0.17, 0.00, 0.49
HSL	190°, 98%, 26%
HSV	190°, 99%, 51%
XYZ	9.5779, 12.5824, 23.3966
YIQ	79.2160, -71.4300, -16.0540

Conversions

Conversions Part 2

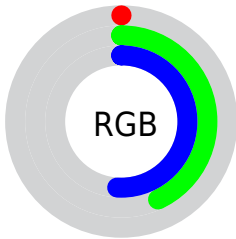
Format	Color
RYB	1, 60, 131
Decimal	93571
CIELab	42.13, -17.87, -19.57
CIELCh	42, 26.506, 227.596
Yxy	12.5824, 0.2102, 0.2762
Android (android.graphics.Color)	4278283651 (0xFF016D83)
YUV	79.2160, 25.5295, -68.5954
Hunter-Lab	35.4717, -13.8778, -14.2765

Details

The Hex color **016D83** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **831701**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **50A1B8**, and **003D52** is the 20% darker color. If you saturate the color by 10%, you get **006D83**, and if you desaturate by 10%, it is **0E6F83**.

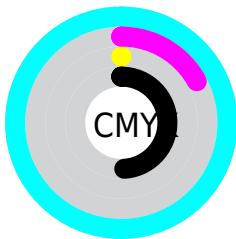
Distribution



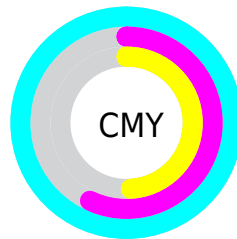
- Red (0%)
- Green (43%)
- Blue (51%)



- Red (0%)
- Yellow (24%)
- Blue (51%)



- Cyan (99%)
- Magenta (17%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016D83 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 016D83 by changing the saturation by 10% instead.

016D83

016D83

FFFFFF

00556A

50A1B8

003D52

6DBCD4

00273A

89D8F0

001025

A6F4FF

00010E

C3FFFF

000000

E0FFFF

FEFFFF

016D83

016D83

■ 006D83

■ 0E6F83

■ 1B7183

■ 287483

■ 357683

■ 427883

■ 507A83

■ 5D7D83

■ 6A7F83

■ 778183

Harmonies

Analogous

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



076F70



016D83



32688E

Triad

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



016D83



88536D



656639

Complementary

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



016D83



831701

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.



7A5F39



016D83



8E5357

Square

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



016D83



765981



885844



4C6B45

Rectangle

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



016D83



4D648E



885844



6C6438

Sweetspot

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



016D83



78A2AB



018317



375157



D6D6D6



575757

Same Dimension

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



016D83



008EAB



012C83



3C4142



006C82



000203

Inverse Universe

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



83016D



AB008E



835801



423C41



82006C



030002

Previews

White Background



This preview shows how the Hex color 016D83 looks on a white background.

Color Contrast Check

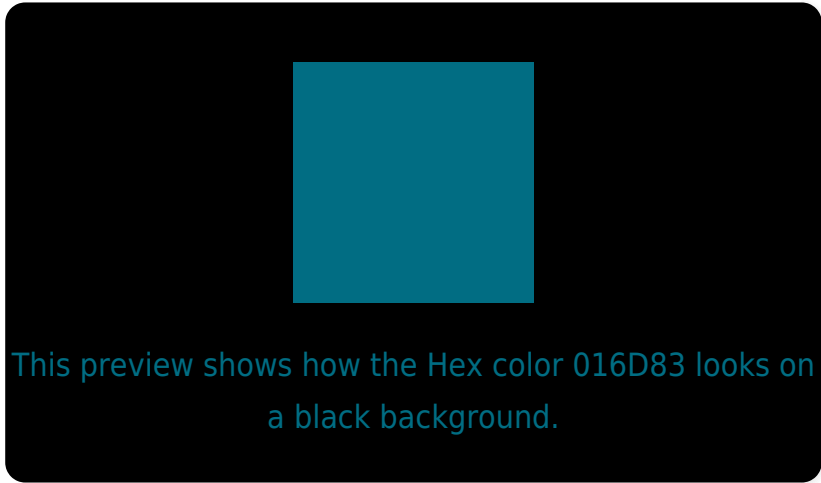
Large Text (above 18pt) WCAG AA ✓ Pass

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

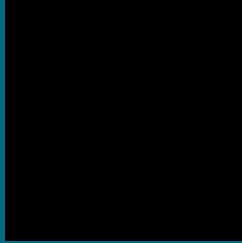
Any Text WCAG AA × Fail

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 016D83 Background



This preview shows how black text looks on a background with the Hex color 016D83.

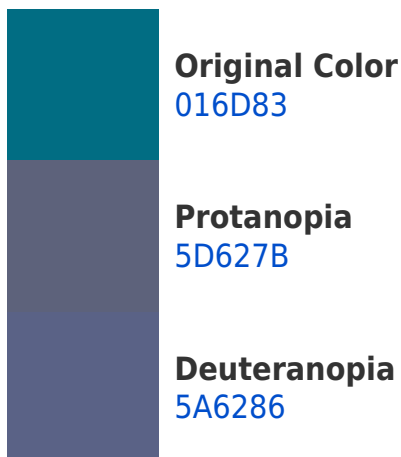


This preview shows how white text looks on a background with the Hex color 016D83.

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](#).

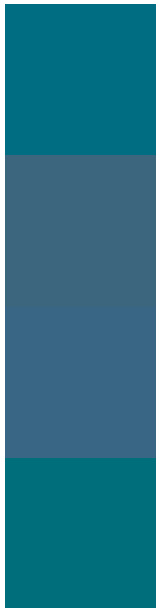
Dichromacy





Tritanopia
006E77

Trichromacy



Original Color
016D83

Protanomaly
3C667E

Deuteranomaly
3A6685

Tritanomaly
006E7B

Monochromacy



Original Color
016D83

Achromatopsia
4F4F4F

Achromatomaly
335A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 016D83 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 #016D83 looks like.

```
.text, #text, p{  
    color:#016D83  
}
```

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 #016D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016D83
}
```

Border

The CSS property to change the border of an element to Hex 016D83 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
#016D83 }
```

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

```
.border{ border-color:#016D83 }
```

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

Here you see how a box with a 4 pixel #016D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016D83; -webkit-box-shadow:4px 4px  
4px 4px #016D83; box-shadow:4px 4px 4px  
4px #016D83 }
```

Background

The CSS property to change the background color of an element to Hex 016D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016D83 }
```

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

```
.background{ background-color:#016D83 }
```

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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