

Converting Colors

Hex(16686D)

Have a look what the booklet for
Hex(16686D) contains.

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Color

Hex(16686D)

Conversions

Conversions Part 1

Format	Color
Hex	16686D
RGB	22, 104, 109
RGB Percent	9%, 41%, 43%
CMY	0.9137, 0.5922, 0.5725
CMYK	0.80, 0.05, 0.00, 0.57
HSL	183°, 66%, 26%
HSV	183°, 80%, 43%
XYZ	8.0415, 11.1753, 16.2012
YIQ	80.0520, -50.4770, -15.8290

Conversions

Conversions Part 2

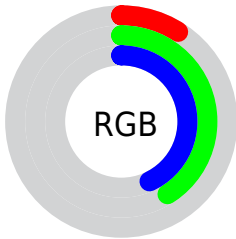
Format	Color
R_{YB}	22, 64, 109
Decimal	1468525
CIE _{Lab}	39.87, -21.34, -9.65
CIE _{LCh}	40, 23.415, 204.327
Yxy	11.1753, 0.2270, 0.3155
Android (android.graphics.Color)	4279658605 (0xFF16686D)
YUV	80.0520, 14.2714, -50.9116
Hunter-Lab	33.4295, -15.5633, -5.3335

Details

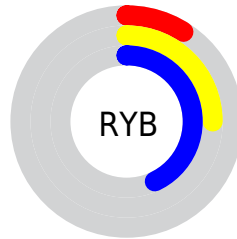
The Hex color **16686D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D1B16**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **539BA0**, and **00383E** is the 20% darker color. If you saturate the color by 10%, you get **0B676D**, and if you desaturate by 10%, it is **21696D**.

Distribution



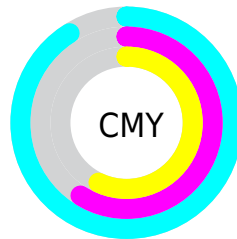
- Red (9%)
- Green (41%)
- Blue (43%)



- Red (9%)
- Yellow (25%)
- Blue (43%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (91%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16686D 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 16686D by changing the saturation by 10% instead.

■ 16686D

■ 16686D

FFFFFF

■ 005055

■ 539BA0

■ 00383E

■ 6EB6BB

■ 002328

■ 89D2D7

■ 000114

■ A5EFF4

■ 000000

■ C2FFFF

■ DFFFFFF

■ FFFFFFF

■ 16686D

■ 16686D

■ 0B676D

■ 21696D

■ 00676D

■ 2C696D

■ 376A6D

■ 426B6D

■ 4C6B6D

■ 576C6D

■ 626C6D

■ 6D6D6D

■ 786E6D

Harmonies

Analogous

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



2C685A



16686D



1E667C

Triad

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



16686D



735474



6E5C38

Complementary

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



16686D



6D1B16

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.



7C5540



16686D



805062

Square

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



16686D



5B5A81



83504F



5B623B

Rectangle

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



16686D



326382



83504F



735939

Sweetspot

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



16686D



6D8D8F



166D1A



334647



C7C7C7



474747

Same Dimension

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



16686D



06878F



163D6D



303536



006F75



00E7F5

Inverse Universe

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



6D1668



8F0687



6D4616



363035



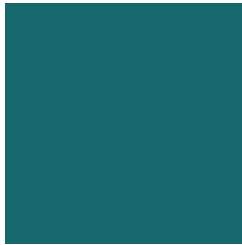
75006F



F500E7

Previews

White Background



This preview shows how the Hex color 16686D looks on a white background.

Color Contrast Check

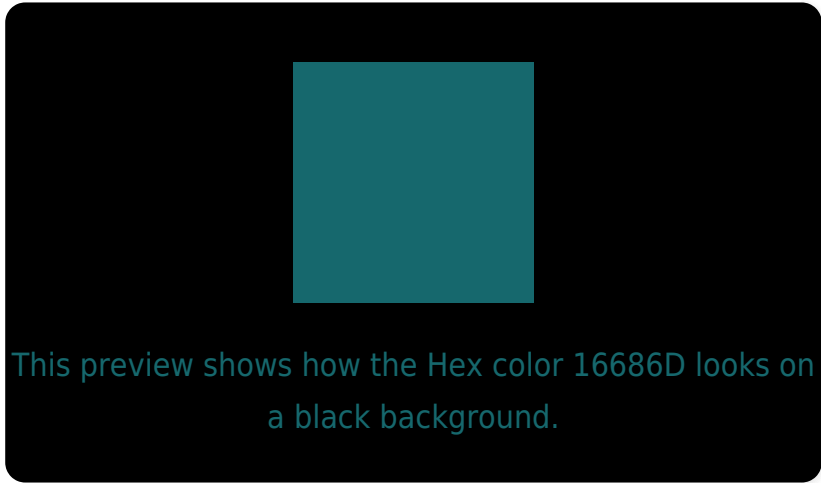
Large Text (above 18pt) WCAG AA ✓ Pass

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

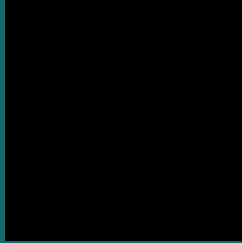
Any Text WCAG AA × Fail

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 16686D Background



This preview shows how black text looks on a background with the Hex color 16686D.

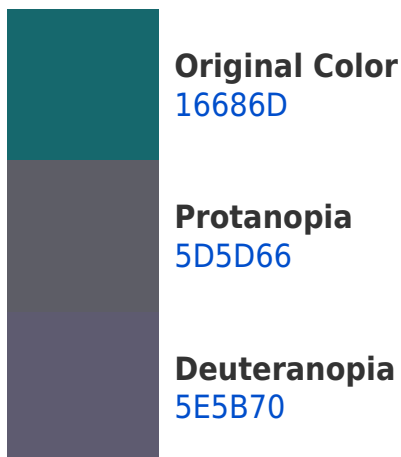


This preview shows how white text looks on a background with the Hex color 16686D.

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](#).

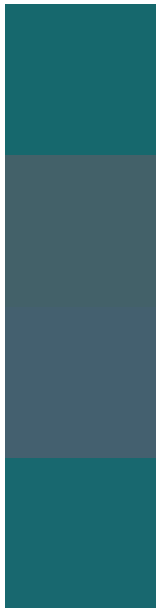
Dichromacy





Tritanopia
196870

Trichromacy



Original Color
16686D

Protanomaly
436169

Deuteranomaly
44606F

Tritanomaly
18686F

Monochromacy



Original Color
16686D

Achromatopsia
505050

Achromatomaly
3B595B

CSS Examples

Text

The CSS property to change the color of the text to Hex 16686D 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 #16686D looks like.

```
.text, #text, p{  
    color:#16686D  
}
```

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 #16686D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16686D
}
```

Border

The CSS property to change the border of an element to Hex 16686D 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
#16686D }
```

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

```
.border{ border-color:#16686D }
```

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

Here you see how a box with a 4 pixel #16686D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16686D; -webkit-box-shadow:4px 4px  
4px 4px #16686D; box-shadow:4px 4px 4px  
4px #16686D }
```

Background

The CSS property to change the background color of an element to Hex 16686D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16686D }
```

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

```
.background{ background-color:#16686D }
```

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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