

Converting Colors

Hex(06667B)

Have a look what the booklet for
Hex(06667B) contains.

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Color

Hex(06667B)

Conversions

Conversions Part 1

Format	Color
Hex	06667B
RGB	6, 102, 123
RGB Percent	2%, 40%, 48%
CMY	0.9765, 0.6000, 0.5176
CMYK	0.95, 0.17, 0.00, 0.52
HSL	191°, 91%, 25%
HSV	191°, 95%, 48%
XYZ	8.4016, 10.9715, 20.4138
YIQ	75.6900, -63.9570, -13.8210

Conversions

Conversions Part 2

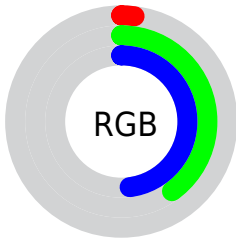
Format	Color
RYB	6, 59, 123
Decimal	419451
CIELab	39.53, -16.63, -18.72
CIELCh	40, 25.045, 228.380
Yxy	10.9715, 0.2112, 0.2758
Android (android.graphics.Color)	4278609531 (0xFF06667B)
YUV	75.6900, 23.3238, -61.1181
Hunter-Lab	33.1233, -12.6897, -13.3540

Details

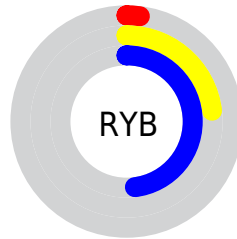
The Hex color **06667B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B1B06**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4F99B0**, and **00374A** is the 20% darker color. If you saturate the color by 10%, you get **00657B**, and if you desaturate by 10%, it is **12687B**.

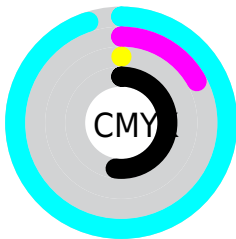
Distribution



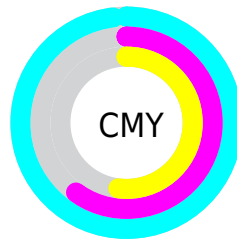
- Red (2%)
- Green (40%)
- Blue (48%)



- Red (2%)
- Yellow (23%)
- Blue (48%)



- Cyan (95%)
- Magenta (17%)
- Yellow (0%)
- Black (52%)



- Cyan (98%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06667B 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 06667B by changing the saturation by 10% instead.

06667B

06667B

FFFFFF

004E62

4F99B0

00374A

6BB4CB

002233

87D0E7

00021F

A3ECFF

000002

C0FFFF

000000

DDFFFF

FBFFFF

06667B

06667B

■ 00657B

■ 12687B

■ 1F6A7B

■ 2B6D7B

■ 376F7B

■ 44717B

■ 50737B

■ 5C757B

■ 68787B

■ 757A7B

Harmonies

Analogous

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



096869



06667B



316285

Triad

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



06667B



804E66



5E6036

Complementary

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



06667B



7B1B06

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.



715935



06667B



854E51

Square

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



06667B



6F5378



7F523F



476541

Rectangle

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



06667B



495D85



7F523F



655E34

Sweetspot

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



06667B



7298A1



067B19



354C52



D1D1D1



525252

Same Dimension

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



06667B



0084A1



062D7B



373C3D



00677D



00CFFC

Inverse Universe

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



7B0666



A10084



7B5406



3D373C



7D0067



FC00CF

Previews

White Background



This preview shows how the Hex color 06667B looks on a white background.

Color Contrast Check

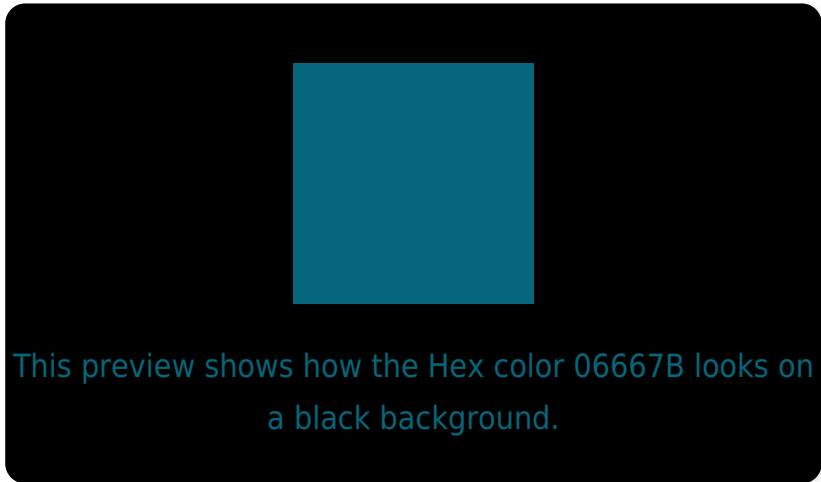
Large Text (above 18pt) WCAG AA ✓ Pass

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

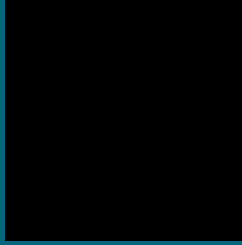
Any Text WCAG AA × Fail

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 06667B Background



This preview shows how black text looks on a background with the Hex color 06667B.



This preview shows how white text looks on a background with the Hex color 06667B.

Color Blindness Simulation

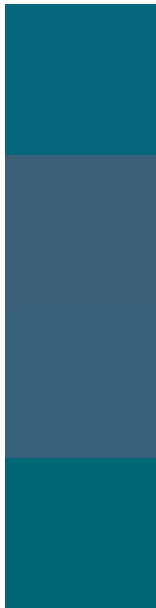
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
06667B

Protanomaly
3A6077

Deuteranomaly
38607C

Tritanomaly
026774

Monochromacy



Original Color
06667B

Achromatopsia
4C4C4C

Achromatomaly
33555D

CSS Examples

Text

The CSS property to change the color of the text to Hex 06667B 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 #06667B looks like.

```
.text, #text, p{  
    color:#06667B  
}
```

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 #06667B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06667B
}
```

Border

The CSS property to change the border of an element to Hex 06667B 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
#06667B }
```

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

```
.border{ border-color:#06667B }
```

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

Here you see how a box with a 4 pixel #06667B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06667B; -webkit-box-shadow:4px 4px  
4px 4px #06667B; box-shadow:4px 4px 4px  
4px #06667B }
```

Background

The CSS property to change the background color of an element to Hex 06667B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06667B }
```

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

```
.background{ background-color:#06667B }
```

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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