

Converting Colors

Hex(06656B)

Have a look what the booklet for
Hex(06656B) contains.

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Color

Hex(06656B)

Conversions

Conversions Part 1

Format	Color
Hex	06656B
RGB	6, 101, 107
RGB Percent	2%, 40%, 42%
CMY	0.9765, 0.6039, 0.5804
CMYK	0.94, 0.06, 0.00, 0.58
HSL	184°, 89%, 22%
HSV	184°, 94%, 42%
XYZ	7.3826, 10.4076, 15.5297
YIQ	73.2790, -58.5460, -18.2740

Conversions

Conversions Part 2

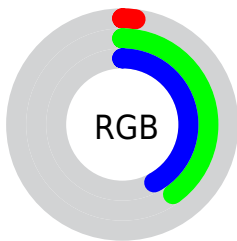
Format	Color
RYB	6, 55, 107
Decimal	419179
CIELab	38.56, -21.86, -10.42
CIELCh	39, 24.213, 205.487
Yxy	10.4076, 0.2216, 0.3124
Android (android.graphics.Color)	4278609259 (0xFF06656B)
YUV	73.2790, 16.6245, -59.0037
Hunter-Lab	32.2608, -15.6082, -5.9584

Details

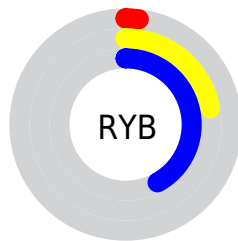
The Hex color **06656B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B0C06**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4C989E**, and **00363C** is the 20% darker color. If you saturate the color by 10%, you get **00656B**, and if you desaturate by 10%, it is **11666B**.

Distribution



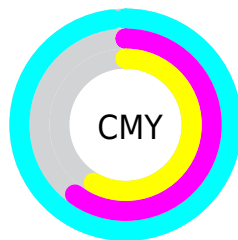
- Red (2%)
- Green (40%)
- Blue (42%)



- Red (2%)
- Yellow (22%)
- Blue (42%)



- Cyan (94%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06656B 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 06656B by changing the saturation by 10% instead.



06656B



06656B

FFFFFF



004D53



4C989E



00363C



67B3B9



002126



83CFD5



000112



9FEBF1



000000



BBFFFF



D8FFFF



F6FFFF



06656B



06656B

■ 00656B

■ 11666B

■ 1B666B

■ 26676B

■ 31686B

■ 3B686B

■ 46696B

■ 51696B

■ 5C6A6B

■ 666B6B

Harmonies

Analogous

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



256557



06656B



14637B

Triad

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



06656B



715071



6A5933

Complementary

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



06656B



6B0C06

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.



79523B



06656B



7E4C5F

Square

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



06656B



59577E



814D4B



575F37

Rectangle

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



06656B



2D6080



814D4B



705635

Sweetspot

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



06656B



658A8C



066B0B



2F4647



C7C7C7



474747

Same Dimension

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



06656B



00848C



06336B



303536



006E75



00E6F5

Inverse Universe

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



6B0665



8C0084



6B3E06



363035



75006E



F500E6

Previews

White Background



This preview shows how the Hex color 06656B looks on a white background.

Color Contrast Check

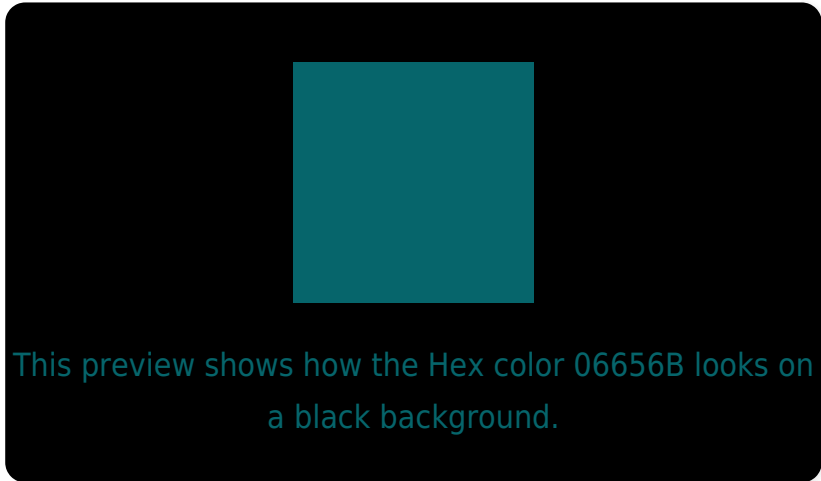
Large Text (above 18pt) WCAG AA ✓ Pass

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

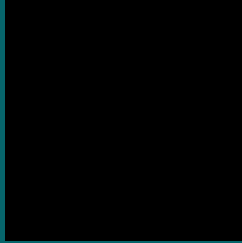
Any Text WCAG AA × Fail

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 06656B Background



This preview shows how black text looks on a background with the Hex color 06656B.



This preview shows how white text looks on a background with the Hex color 06656B.

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
06656B

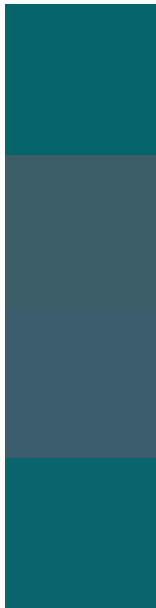
Protanopia
5A5A64

Deuteranopia
5A596E



Tritanopia
0C656D

Trichromacy



Original Color
06656B

Protanomaly
3B5E67

Deuteranomaly
3B5D6D

Tritanomaly
0A656C

Monochromacy



Original Color
06656B

Achromatopsia
494949

Achromatomaly
315355

CSS Examples

Text

The CSS property to change the color of the text to Hex 06656B 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 #06656B looks like.

```
.text, #text, p{  
    color:#06656B  
}
```

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 #06656B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06656B
}
```

Border

The CSS property to change the border of an element to Hex 06656B 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
#06656B }
```

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

```
.border{ border-color:#06656B }
```

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

Here you see how a box with a 4 pixel #06656B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06656B; -webkit-box-shadow:4px 4px  
4px 4px #06656B; box-shadow:4px 4px 4px  
4px #06656B }
```

Background

The CSS property to change the background color of an element to Hex 06656B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06656B }
```

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

```
.background{ background-color:#06656B }
```

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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