

Converting Colors

Hex(06566E)

Have a look what the booklet for
Hex(06566E) contains.

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Color

Hex(06566E)

Conversions

Conversions Part 1

Format	Color
Hex	06566E
RGB	6, 86, 110
RGB Percent	2%, 34%, 43%
CMY	0.9765, 0.6627, 0.5686
CMYK	0.95, 0.22, 0.00, 0.57
HSL	194°, 90%, 23%
HSV	194°, 95%, 43%
XYZ	6.2174, 7.8201, 15.9336
YIQ	64.8160, -55.3840, -9.4960

Conversions

Conversions Part 2

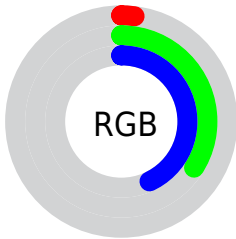
Format	Color
RYB	6, 51, 110
Decimal	415342
CIELab	33.61, -12.35, -19.87
CIElCh	34, 23.395, 238.125
Yxy	7.8201, 0.2074, 0.2609
Android (android.graphics.Color)	4278605422 (0xFF06566E)
YUV	64.8160, 22.2757, -51.5816
Hunter-Lab	27.9644, -9.2516, -14.2072

Details

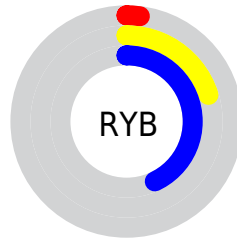
The Hex color **06566E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E1E06**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4A88A2**, and **00293E** is the 20% darker color. If you saturate the color by 10%, you get **00556E**, and if you desaturate by 10%, it is **11596E**.

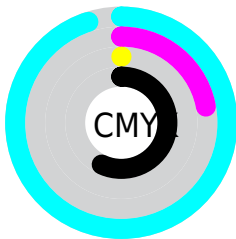
Distribution



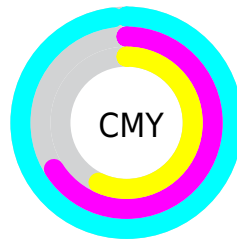
- Red (2%)
- Green (34%)
- Blue (43%)



- Red (2%)
- Yellow (20%)
- Blue (43%)



- Cyan (95%)
- Magenta (22%)
- Yellow (0%)
- Black (57%)



- Cyan (98%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06566E 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 06566E by changing the saturation by 10% instead.



06566E



06566E

FFFFFF



003F56



4A88A2



00293E



66A2BD



001528



81BDD9



000113



9DD9F5



000000



B9F5FF



D6FFFF



F3FFFF



06566E



06566E

■ 00556E

■ 11596E

■ 1C5B6E

■ 275E6E

■ 32606E

■ 3D636E

■ 48656E

■ 53686E

■ 5E6A6E

■ 696D6E

Harmonies

Analogous

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



005860



06566E



315174

Triad

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



06566E



714051



49532E

Complementary

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



06566E



6E1E06

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.



5C4E2A



06566E



72423F

Square

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



06566E



654463



6B4730



33573B

Rectangle

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



06566E



464D72



6B4730



50512B

Sweetspot

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



06566E



67868F



066E1D



2F4247



C7C7C7



474747

Same Dimension

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



06566E



006E8F



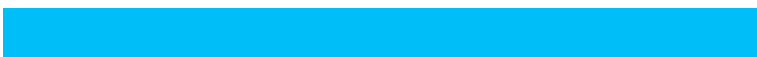
06236E



323738



005C78



00BEF7

Inverse Universe

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



6E0656



8F006E



6E5106



383237



78005C



F700BE

Previews

White Background



This preview shows how the Hex color 06566E looks on a white background.

Color Contrast Check

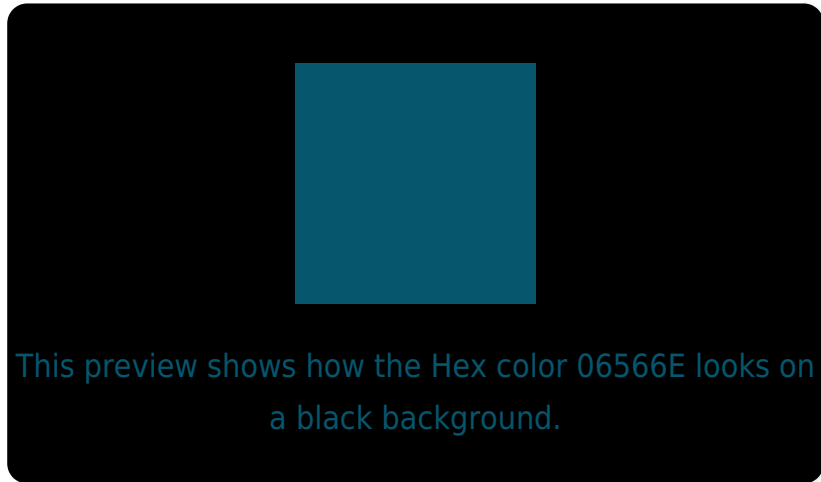
Large Text (above 18pt) WCAG AA ✓ Pass

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

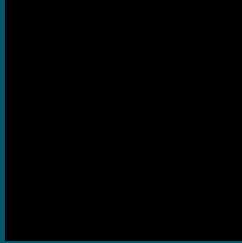
Any Text WCAG AA × Fail

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 06566E Background



This preview shows how black text looks on a background with the Hex color 06566E.

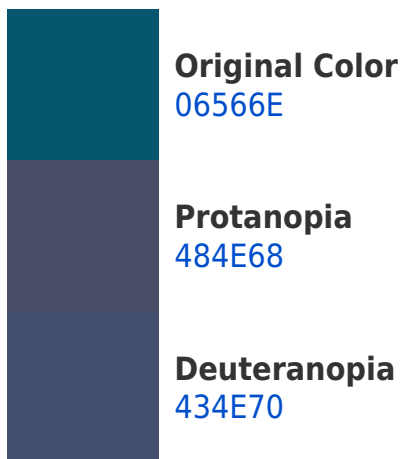


This preview shows how white text looks on a background with the Hex color 06566E.

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](#).

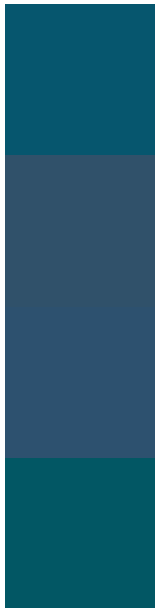
Dichromacy





Tritanopia
00585F

Trichromacy



Original Color
06566E

Protanomaly
30516A

Deuteranomaly
2D516F

Tritanomaly
025764

Monochromacy



Original Color
06566E

Achromatopsia
414141

Achromatomaly
2C4951

CSS Examples

Text

The CSS property to change the color of the text to Hex 06566E 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 #06566E looks like.

```
.text, #text, p{  
    color:#06566E  
}
```

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 #06566E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06566E
}
```

Border

The CSS property to change the border of an element to Hex 06566E 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
#06566E }
```

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

```
.border{ border-color:#06566E }
```

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

Here you see how a box with a 4 pixel #06566E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06566E; -webkit-box-shadow:4px 4px  
4px 4px #06566E; box-shadow:4px 4px 4px  
4px #06566E }
```

Background

The CSS property to change the background color of an element to Hex 06566E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06566E }
```

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

```
.background{ background-color:#06566E }
```

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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