

Converting Colors

Hex(08496E)

Have a look what the booklet for
Hex(08496E) contains.

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Color

Hex(08496E)

Conversions

Conversions Part 1

Format	Color
Hex	08496E
RGB	8, 73, 110
RGB Percent	3%, 29%, 43%
CMY	0.9686, 0.7137, 0.5686
CMYK	0.93, 0.34, 0.00, 0.57
HSL	202°, 86%, 23%
HSV	202°, 93%, 43%
XYZ	5.2972, 5.9425, 15.6197
YIQ	57.7830, -50.6170, -2.2730

Conversions

Conversions Part 2

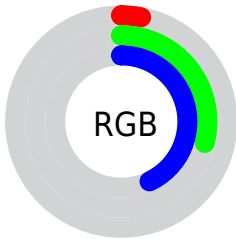
Format	Color
R _Y B	8, 48, 110
Decimal	543086
CIE Lab	29.27, -4.13, -26.65
CIE LCh	29, 26.968, 261.194
Yxy	5.9425, 0.1972, 0.2212
Android (android.graphics.Color)	4278733166 (0xFF08496E)
YUV	57.7830, 25.7430, -43.6597
Hunter-Lab	24.3772, -3.8723, -20.9259

Details

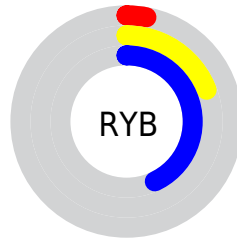
The Hex color **08496E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6E2D08**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4A79A2**, and **001E3E** is the 20% darker color. If you saturate the color by 10%, you get **00466E**, and if you desaturate by 10%, it is **134D6E**.

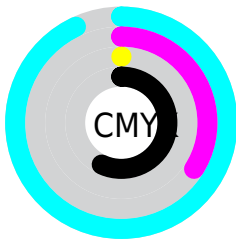
Distribution



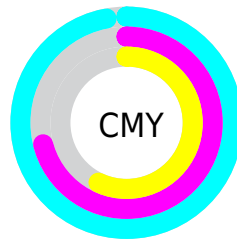
- Red (3%)
- Green (29%)
- Blue (43%)



- Red (3%)
- Yellow (19%)
- Blue (43%)



- Cyan (93%)
- Magenta (34%)
- Yellow (0%)
- Black (57%)



- Cyan (97%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08496E 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 08496E by changing the saturation by 10% instead.

08496E

08496E

FFFFFF

003355

4A79A2

001E3E

6593BD

000328

80AED9

000112

9CC9F5

000000

B8E5FF

D5FFFF

F2FFFF

08496E

08496E

■ 00466E

■ 134D6E

■ 1E516E

■ 29556E

■ 34596E

■ 3F5D6E

■ 4A616E

■ 55656E

■ 60696E

■ 6B6D6E

Harmonies

Analogous

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



004E65



08496E



3D426C

Triad

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



08496E



6C3437



2A4D2A

Complementary

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



08496E



6E2D08

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.



43481C



08496E



653A25

Square

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



08496E



68344C



57421B



004F3E

Rectangle

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



08496E



513C64



57421B



334C24

Sweetspot

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



08496E



67808F



086E2C



2F3F47



C7C7C7



474747

Same Dimension

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



08496E



005B8F



08176E



323638



004C78



009EF7

Inverse Universe

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



6E0849



8F005B



6E5F08



383236



78004C



F7009E

Previews

White Background



This preview shows how the Hex color 08496E looks on a white background.

Color Contrast Check

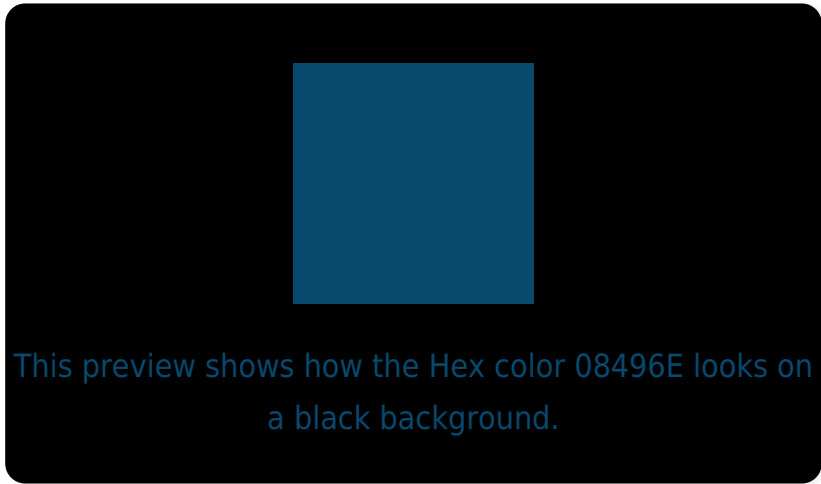
Large Text (above 18pt) WCAG AA ✓ Pass

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

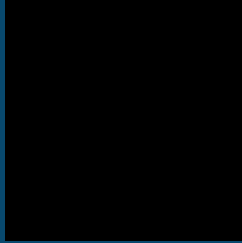
Any Text WCAG AA × Fail

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 08496E Background



This preview shows how black text looks on a background with the Hex color 08496E.



This preview shows how white text looks on a background with the Hex color 08496E.

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
08496E

Protanopia
384469

Deuteranopia
2D456F

Trichromacy



Original Color
08496E

Protanomaly
27466B

Deuteranomaly
20466F

Tritanomaly
034C5C

Monochromacy



Original Color
08496E

Achromatopsia
3A3A3A

Achromatomaly
283F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 08496E 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 #08496E looks like.

```
.text, #text, p{  
    color:#08496E  
}
```

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 #08496E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08496E
}
```

Border

The CSS property to change the border of an element to Hex 08496E 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
#08496E }
```

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

```
.border{ border-color:#08496E }
```

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

Here you see how a box with a 4 pixel #08496E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08496E; -webkit-box-shadow:4px 4px  
4px 4px #08496E; box-shadow:4px 4px 4px  
4px #08496E }
```

Background

The CSS property to change the background color of an element to Hex 08496E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08496E }
```

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

```
.background{ background-color:#08496E }
```

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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