

Converting Colors

Hex(00738E)

Have a look what the booklet for
Hex(00738E) contains.

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Color

Hex(00738E)

Conversions

Conversions Part 1

Format	Color
Hex	00738E
RGB	0, 115, 142
RGB Percent	0%, 45%, 56%
CMY	1.0000, 0.5490, 0.4431
CMYK	1.00, 0.19, 0.00, 0.44
HSL	191°, 100%, 28%
HSV	191°, 100%, 56%
XYZ	11.0132, 14.2145, 27.7544
YIQ	83.6930, -77.2070, -15.9830

Conversions

Conversions Part 2

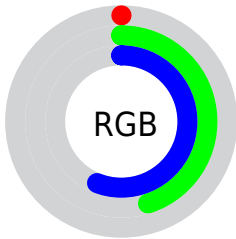
Format	Color
RYB	0, 64, 142
Decimal	29582
CIELab	44.54, -17.18, -22.43
CIELCh	45, 28.258, 232.547
Yxy	14.2145, 0.2079, 0.2683
Android (android.graphics.Color)	4278219662 (0xFF00738E)
YUV	83.6930, 28.7454, -73.3988
Hunter-Lab	37.7021, -13.8367, -17.2549

Details

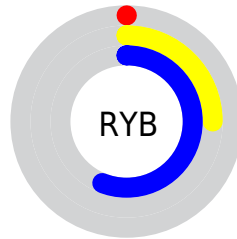
The Hex color **00738E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E1B00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **53A7C4**, and **00435C** is the 20% darker color. If you saturate the color by 10%, you get **00738E**, and if you desaturate by 10%, it is **0E768E**.

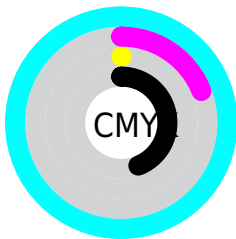
Distribution



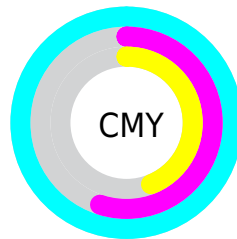
- Red (0%)
- Green (45%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00738E 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 00738E by changing the saturation by 10% instead.

 00738E

 00738E

FFFFFF

 005A74

 53A7C4

 00435C

 70C2E0

 002C44

 8DDEFC

 00192E

 AAFBFF

 000119

 C7FFFF

 000000

 E5FFFF

 00738E

 0E768E

■ 1C788E

■ 2B7B8E

■ 397E8E

■ 47818E

■ 55838E

■ 63868E

■ 72898E

■ 808B8E

Harmonies

Analogous

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



00767B



00738E



3B6D98

Triad

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



00738E



935770



676D3D

Complementary

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



00738E



8E1B00

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.



7E663A



00738E



975859

Square

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



00738E



815D86



8F5E45



4B734C

Rectangle

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



00738E



576897



8F5E45



6F6B3B

Sweetspot

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



00738E



81ADB8



008E1A



3B565C



DBDBDB



5C5C5C

Same Dimension

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



00738E



0095B8



002D8E



404647



006D87



000608

Inverse Universe

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



8E0073



B80095



8E6100



474046



87006D



080006

Previews

White Background



This preview shows how the Hex color 00738E looks on a white background.

Color Contrast Check

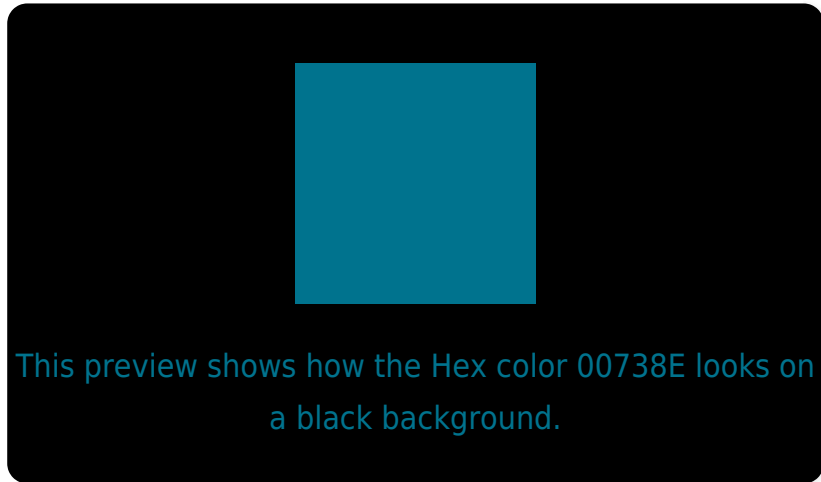
Large Text (above 18pt) WCAG AA ✓ Pass

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

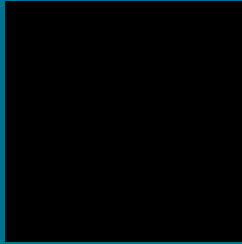
Any Text WCAG AA × Fail

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 00738E Background



This preview shows how black text looks on a background with the Hex color 00738E.

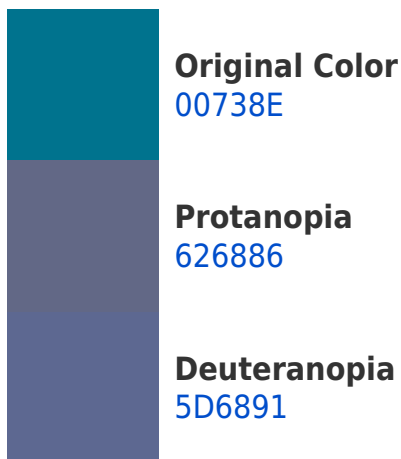


This preview shows how white text looks on a background with the Hex color 00738E.

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](#).

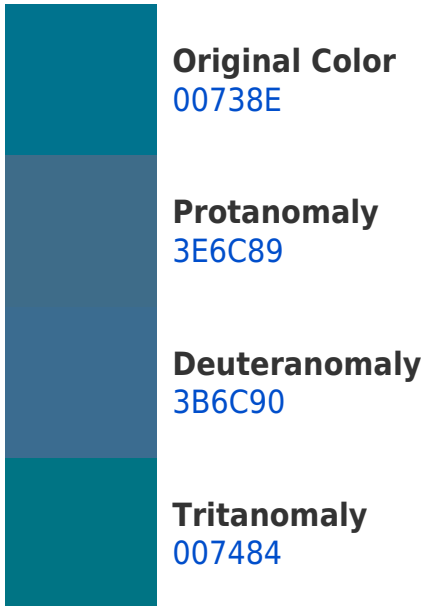
Dichromacy





Tritanopia
00757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00738E 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 #00738E looks like.

```
.text, #text, p{  
    color:#00738E  
}
```

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 #00738E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00738E
}
```

Border

The CSS property to change the border of an element to Hex 00738E 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
#00738E }
```

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

```
.border{ border-color:#00738E }
```

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

Here you see how a box with a 4 pixel #00738E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00738E; -webkit-box-shadow:4px 4px  
4px 4px #00738E; box-shadow:4px 4px 4px  
4px #00738E }
```

Background

The CSS property to change the background color of an element to Hex 00738E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00738E }
```

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

```
.background{ background-color:#00738E }
```

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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