

Converting Colors

Hex(007478)

Have a look what the booklet for
Hex(007478) contains.

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Color

Hex(007478)

Conversions

Conversions Part 1

Format	Color
Hex	007478
RGB	0, 116, 120
RGB Percent	0%, 45%, 47%
CMY	1.0000, 0.5451, 0.5294
CMYK	1.00, 0.03, 0.00, 0.53
HSL	182°, 100%, 24%
HSV	182°, 100%, 47%
XYZ	9.6356, 13.8468, 19.9342
YIQ	81.7720, -70.4200, -23.3480

Conversions

Conversions Part 2

Format	Color
RYB	0, 59, 120
Decimal	29816
CIELab	44.01, -25.53, -10.09
CIELCh	44, 27.458, 201.570
Yxy	13.8468, 0.2219, 0.3189
Android (android.graphics.Color)	4278219896 (0xFF007478)
YUV	81.7720, 18.8464, -71.7140
Hunter-Lab	37.2114, -18.8988, -5.7138

Details

The Hex color **007478** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **780400**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **4FA8AC**, and **004348** is the 20% darker color. If you saturate the color by 10%, you get **007478**, and if you desaturate by 10%, it is **0C7478**.

Distribution



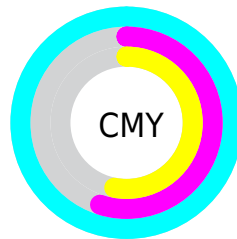
- Red (0%)
- Green (45%)
- Blue (47%)



- Red (0%)
- Yellow (23%)
- Blue (47%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007478 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 007478 by changing the saturation by 10% instead.

007478

007478

FFFFFF

005B5F

4FA8AC

004348

6CC4C8

002C31

88E0E4

00171C

A4FDFF

000000

C1FFFF

DEFFFF

FCFFFF

007478

■ 0C7478

■ 187578

■ 247578

■ 307678

■ 3C7678

■ 487678

■ 547778

■ 607778

■ 6C7878

Harmonies

Analogous

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



2D7461



007478



07728B

Triad

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



007478



7E5C85



7D643B

Complementary

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



007478



780400

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.



8D5D45



007478



90576F

Square

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



007478



616592



945758



666C3D

Rectangle

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



007478



2C6E93



945758



83623D

Sweetspot

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



007478



6D9A9C



007804



334E4F



CFCFCF



4F4F4F

Same Dimension

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



007478



00969C



003878



373D3D



00797D



00F4FC

Inverse Universe

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



780074



9C0096



784000



3D373D



7D0079



FC00F4

Previews

White Background



This preview shows how the Hex color 007478 looks on a white background.

Color Contrast Check

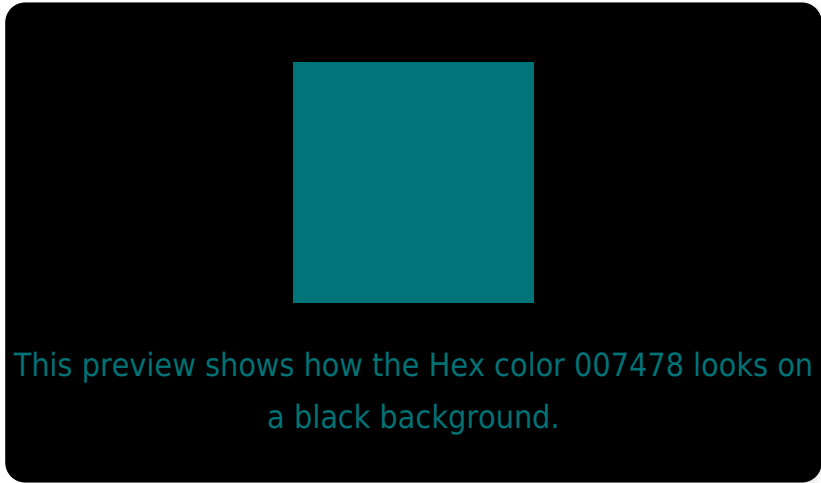
Large Text (above 18pt) WCAG AA ✓ Pass

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

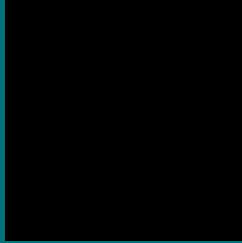
Any Text WCAG AA × Fail

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 007478 Background



This preview shows how black text looks on a background with the Hex color 007478.



This preview shows how white text looks on a background with the Hex color 007478.

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
007478

Protanopia
676770

Deuteranopia
68657B

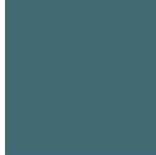


Tritanopia
11737D

Trichromacy



Original Color
007478



Protanomaly
426C73



Deuteranomaly
426A7A



Tritanomaly
0B737B

Monochromacy



Original Color
007478



Achromatopsia
525252



Achromatomaly
345E60

CSS Examples

Text

The CSS property to change the color of the text to Hex 007478 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 #007478 looks like.

```
.text, #text, p{  
    color:#007478  
}
```

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 #007478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007478
}
```

Border

The CSS property to change the border of an element to Hex 007478 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
#007478 }
```

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

```
.border{ border-color:#007478 }
```

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

Here you see how a box with a 4 pixel #007478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007478; -webkit-box-shadow:4px 4px  
4px 4px #007478; box-shadow:4px 4px 4px  
4px #007478 }
```

Background

The CSS property to change the background color of an element to Hex 007478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007478 }
```

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

```
.background{ background-color:#007478 }
```

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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