

Converting Colors

Hex(007483)

Have a look what the booklet for
Hex(007483) contains.

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Color

Hex(007483)

Conversions

Conversions Part 1

Format	Color
Hex	007483
RGB	0, 116, 131
RGB Percent	0%, 45%, 51%
CMY	1.0000, 0.5451, 0.4863
CMYK	1.00, 0.11, 0.00, 0.49
HSL	187°, 100%, 26%
HSV	187°, 100%, 51%
XYZ	10.3421, 14.1295, 23.6549
YIQ	83.0260, -73.9510, -19.9270

Conversions

Conversions Part 2

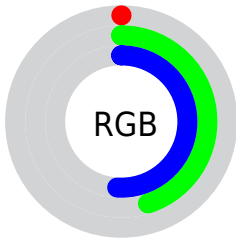
Format	Color
RYB	0, 62, 131
Decimal	29827
CIELab	44.42, -21.72, -16.06
CIELCh	44, 27.012, 216.486
Yxy	14.1295, 0.2149, 0.2936
Android (android.graphics.Color)	4278219907 (0xFF007483)
YUV	83.0260, 23.6512, -72.8138
Hunter-Lab	37.5892, -16.6694, -10.9988

Details

The Hex color **007483** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **830F00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **51A8B8**, and **004352** is the 20% darker color. If you saturate the color by 10%, you get **007483**, and if you desaturate by 10%, it is **0D7683**.

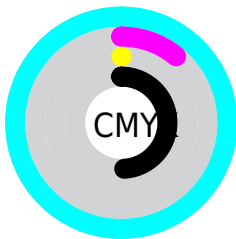
Distribution



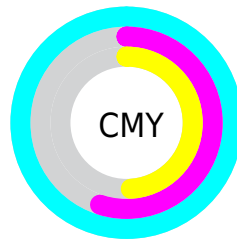
- Red (0%)
- Green (45%)
- Blue (51%)



- Red (0%)
- Yellow (24%)
- Blue (51%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007483 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 007483 by changing the saturation by 10% instead.

007483

007483

FFFFFF

005B6A

51A8B8

004352

6EC4D4

002D3B

8AE0F0

001925

A7FCFF

00010F

C4FFFF

000000

E1FFFF

007483

0D7683

■ 1A7783

■ 277983

■ 347A83

■ 427C83

■ 4F7D83

■ 5C7E83

■ 698083

■ 768283

Harmonies

Analogous

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



1E756D



007483



277092

Triad

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



007483



895A7B



73693C

Complementary

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



007483



830F00

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.



866240



007483



945765

Square

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



007483



72618D



935B4F



5B7044

Rectangle

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



007483



436C96



935B4F



7A673C

Sweetspot

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



007483



78A5AB



00830D



375357



D6D6D6



575757

Same Dimension

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



007483



0097AB



003483



3C4242



007382



000203

Inverse Universe

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



830074



AB0097



834F00



423C42



820073



030002

Previews

White Background



This preview shows how the Hex color 007483 looks on a white background.

Color Contrast Check

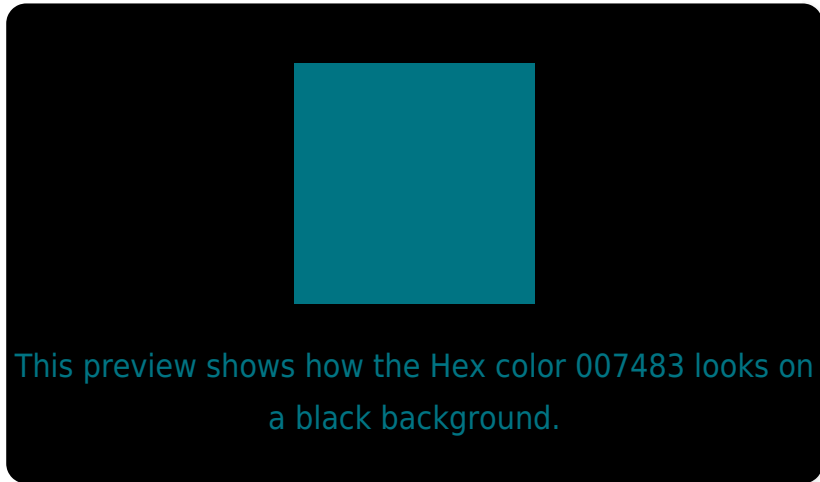
Large Text (above 18pt) WCAG AA ✓ Pass

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

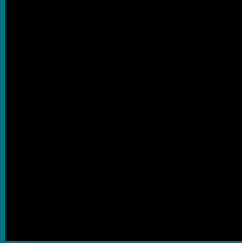
Any Text WCAG AA × Fail

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 007483 Background



This preview shows how black text looks on a background with the Hex color 007483.

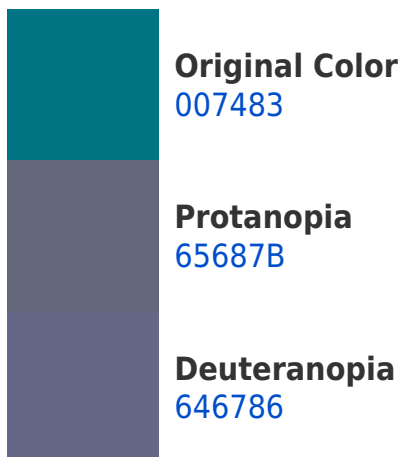


This preview shows how white text looks on a background with the Hex color 007483.

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



Original Color
007483

Protanomaly
406C7E

Deuteranomaly
406C85

Tritanomaly
007580

Monochromacy



Original Color
007483

Achromatopsia
535353

Achromatomaly
355F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 007483 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 #007483 looks like.

```
.text, #text, p{  
    color:#007483  
}
```

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 #007483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007483
}
```

Border

The CSS property to change the border of an element to Hex 007483 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
#007483 }
```

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

```
.border{ border-color:#007483 }
```

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

Here you see how a box with a 4 pixel #007483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007483; -webkit-box-shadow:4px 4px  
4px 4px #007483; box-shadow:4px 4px 4px  
4px #007483 }
```

Background

The CSS property to change the background color of an element to Hex 007483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007483 }
```

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

```
.background{ background-color:#007483 }
```

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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