

Converting Colors

Hex(007283)

Have a look what the booklet for
Hex(007283) contains.

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Color

Hex(007283)

Conversions

Conversions Part 1

Format	Color
Hex	007283
RGB	0, 114, 131
RGB Percent	0%, 45%, 51%
CMY	1.0000, 0.5529, 0.4863
CMYK	1.00, 0.13, 0.00, 0.49
HSL	188°, 100%, 26%
HSV	188°, 100%, 51%
XYZ	10.1140, 13.6733, 23.5789
YIQ	81.8520, -73.4010, -18.8810

Conversions

Conversions Part 2

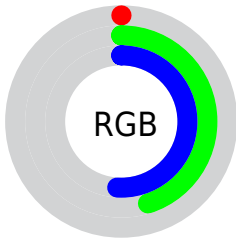
Format	Color
RYB	0, 61, 131
Decimal	29315
CIELab	43.76, -20.65, -17.07
CIELCh	44, 26.792, 219.569
Yxy	13.6733, 0.2135, 0.2887
Android (android.graphics.Color)	4278219395 (0xFF007283)
YUV	81.8520, 24.2300, -71.7842
Hunter-Lab	36.9775, -15.8873, -11.9224

Details

The Hex color **007283** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **831100**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50A6B8**, and **004252** is the 20% darker color. If you saturate the color by 10%, you get **007283**, and if you desaturate by 10%, it is **0D7483**.

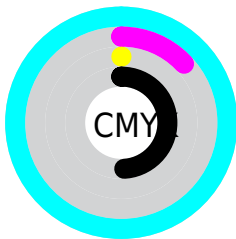
Distribution



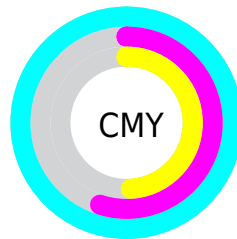
- Red (0%)
- Green (45%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 007283 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 007283 by changing the saturation by 10% instead.

007283

007283

FFFFFF

00596A

50A6B8

004252

6DC1D4

002B3B

8ADDF0

001725

A7FAFF

00010F

C4FFFF

000000

E1FFFF

007283

0D7483

■ 1A7583

■ 277783

■ 347983

■ 427B83

■ 4F7C83

■ 5C7E83

■ 698083

■ 768183

Harmonies

Analogous

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



19736E



007283



2B6E91

Triad

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



007283



895877



6F683B

Complementary

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



007283



831100

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.



83613E



007283



925661

Square

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



007283



735F8A



905A4C



576E44

Rectangle

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



007283



466A94



905A4C



76663B

Sweetspot

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



007283



78A4AB



00830F



375357



D6D6D6



575757

Same Dimension

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



007283



0095AB



003283



3C4142



007182



000203

Inverse Universe

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



830072



AB0095



835100



423C41



820071



030002

Previews

White Background



This preview shows how the Hex color 007283 looks on a white background.

Color Contrast Check

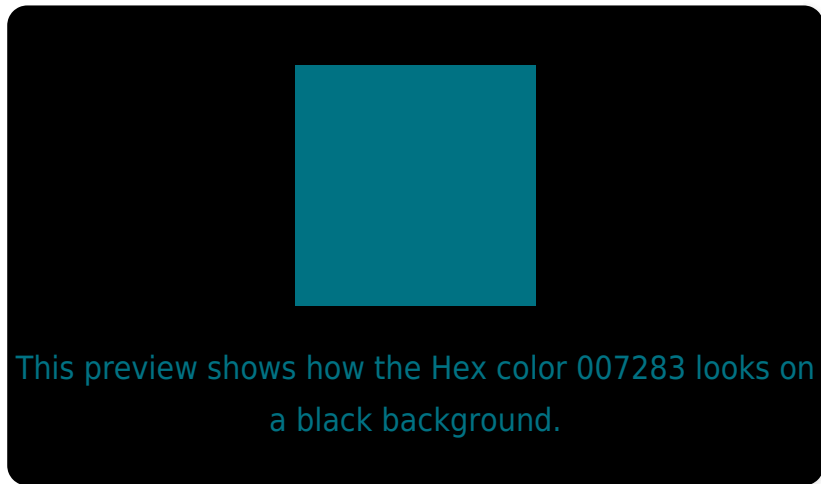
Large Text (above 18pt) WCAG AA ✓ Pass

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

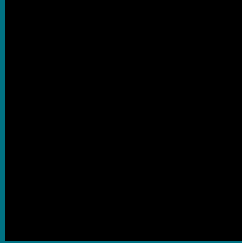
Any Text WCAG AA × Fail

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 007283 Background



This preview shows how black text looks on a background with the Hex color 007283.

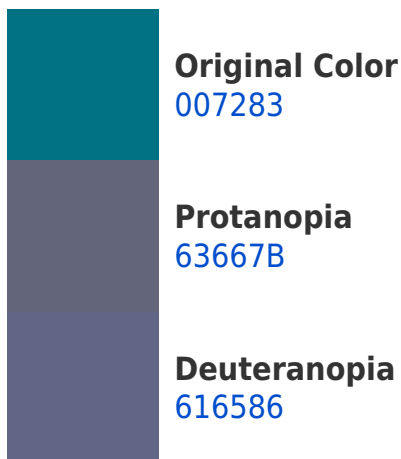


This preview shows how white text looks on a background with the Hex color 007283.

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](#).

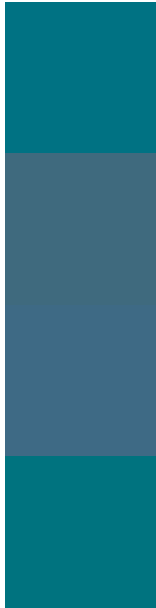
Dichromacy





Tritanopia
00737C

Trichromacy



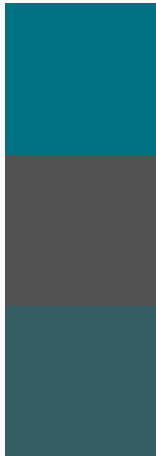
Original Color
007283

Protanomaly
3F6A7E

Deuteranomaly
3E6A85

Tritanomaly
00737F

Monochromacy



Original Color
007283

Achromatopsia
525252

Achromatomaly
345E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 007283 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 #007283 looks like.

```
.text, #text, p{  
    color:#007283  
}
```

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 #007283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007283
}
```

Border

The CSS property to change the border of an element to Hex 007283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

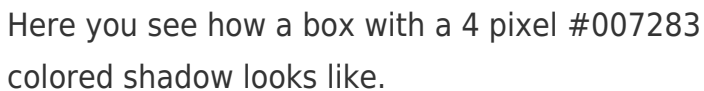
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007283 }
```

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

```
.border{ border-color:#007283 }
```

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



Here you see how a box with a 4 pixel #007283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007283; -webkit-box-shadow:4px 4px  
4px 4px #007283; box-shadow:4px 4px 4px  
4px #007283 }
```

Background

The CSS property to change the background color of an element to Hex 007283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007283 }
```

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

```
.background{ background-color:#007283 }
```

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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