

Converting Colors

Hex(007587)

Have a look what the booklet for
Hex(007587) contains.

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Color

Hex(007587)

Conversions

Conversions Part 1

Format	Color
Hex	007587
RGB	0, 117, 135
RGB Percent	0%, 46%, 53%
CMY	1.0000, 0.5412, 0.4706
CMYK	1.00, 0.13, 0.00, 0.47
HSL	188°, 100%, 26%
HSV	188°, 100%, 53%
XYZ	10.7345, 14.4718, 25.1493
YIQ	84.0690, -75.5100, -19.2060

Conversions

Conversions Part 2

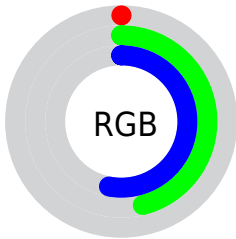
Format	Color
RYB	0, 63, 135
Decimal	30087
CIELab	44.90, -20.82, -17.71
CIELCh	45, 27.335, 220.377
Yxy	14.4718, 0.2132, 0.2874
Android (android.graphics.Color)	4278220167 (0xFF007587)
YUV	84.0690, 25.1090, -73.7285
Hunter-Lab	38.0419, -16.2051, -12.5669

Details

The Hex color **007587** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **871200**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **52A9BC**, and **004455** is the 20% darker color. If you saturate the color by 10%, you get **007587**, and if you desaturate by 10%, it is **0D7787**.

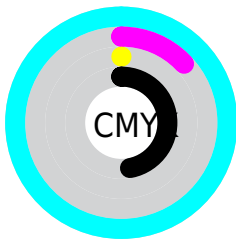
Distribution



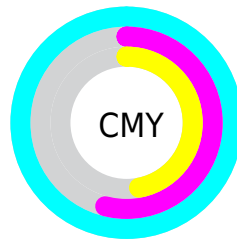
- Red (0%)
- Green (46%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007587 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 007587 by changing the saturation by 10% instead.

 007587

 007587

FFFFFF

 005C6E

 52A9BC

 004455

 6FC5D8

 002E3E

 8BE1F5

 001B28

 A8FDFE

 000113

 C5FFFF

 000000

 E3FFFF

 007587

 0D7787

 1B7987

 297A87

 367C87

 447E87

 518087

 5E8287

 6C8387

 7A8587

Harmonies

Analogous

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



197672



007587



2D7195

Triad

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



007587



8D5A7A



716B3D

Complementary

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



007587



871200

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.



866440



007587



965863

Square

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



007587



77618D



935C4E



587247

Rectangle

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



007587



496C97



935C4E



79693C

Sweetspot

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



007587



7BA9B0



008712



395559



D9D9D9



595959

Same Dimension

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



007587



0098B0



003287



3C4142



007182



000203

Inverse Universe

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



870075



B00098



875600



423C41



820071



030002

Previews

White Background



This preview shows how the Hex color 007587 looks on a white background.

Color Contrast Check

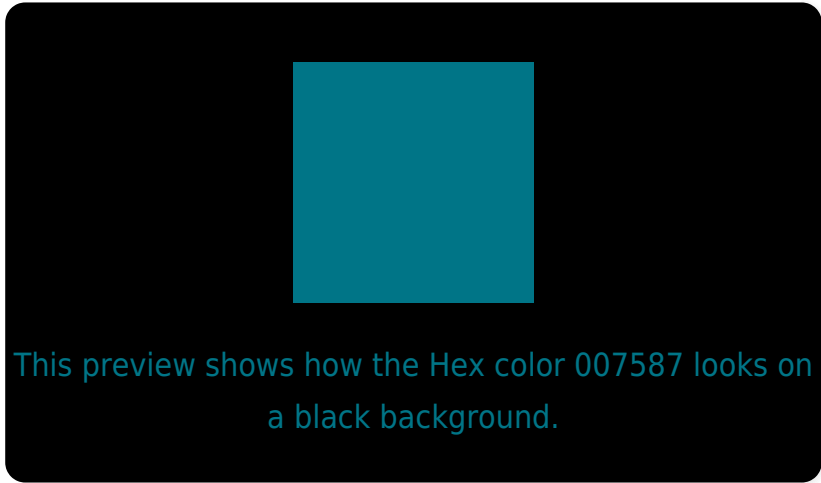
Large Text (above 18pt) WCAG AA ✓ Pass

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

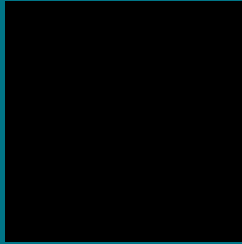
Any Text WCAG AA × Fail

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 007587 Background



This preview shows how black text looks on a background with the Hex color 007587.

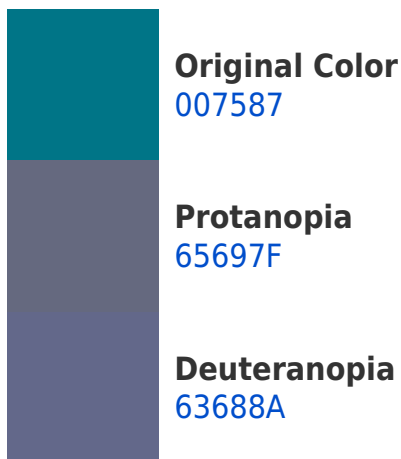


This preview shows how white text looks on a background with the Hex color 007587.

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



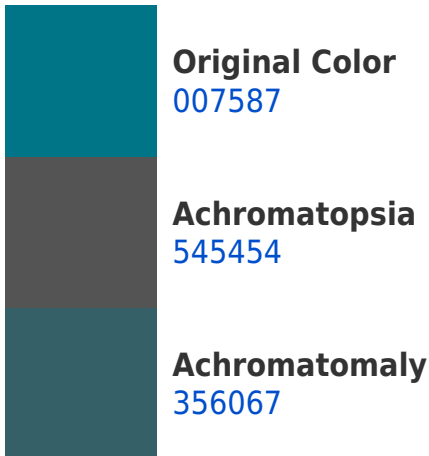


Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007587 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 #007587 looks like.

```
.text, #text, p{  
    color:#007587  
}
```

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 #007587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007587
}
```

Border

The CSS property to change the border of an element to Hex 007587 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
#007587 }
```

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

```
.border{ border-color:#007587 }
```

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

Here you see how a box with a 4 pixel #007587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007587; -webkit-box-shadow:4px 4px  
4px 4px #007587; box-shadow:4px 4px 4px  
4px #007587 }
```

Background

The CSS property to change the background color of an element to Hex 007587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007587 }
```

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

```
.background{ background-color:#007587 }
```

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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