

Converting Colors

Hex(017587)

Have a look what the booklet for
Hex(017587) contains.

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Color

Hex(017587)

Conversions

Conversions Part 1

Format	Color
Hex	017587
RGB	1, 117, 135
RGB Percent	0%, 46%, 53%
CMY	0.9961, 0.5412, 0.4706
CMYK	0.99, 0.13, 0.00, 0.47
HSL	188°, 99%, 27%
HSV	188°, 99%, 53%
XYZ	10.7470, 14.4783, 25.1498
YIQ	84.3680, -74.9140, -18.9940

Conversions

Conversions Part 2

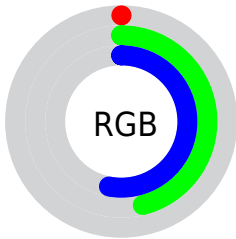
Format	Color
RYB	1, 63, 135
Decimal	95623
CIELab	44.91, -20.77, -17.69
CIELCh	45, 27.284, 220.428
Yxy	14.4783, 0.2133, 0.2874
Android (android.graphics.Color)	4278285703 (0xFF017587)
YUV	84.3680, 24.9616, -73.1137
Hunter-Lab	38.0504, -16.1724, -12.5532

Details

The Hex color **017587** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **871301**, 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 **0F7787**.

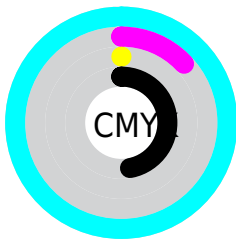
Distribution



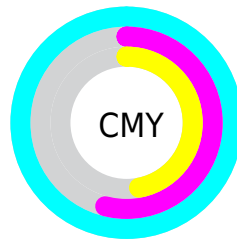
- Red (0%)
- Green (46%)
- Blue (53%)



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



- Cyan (99%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)





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

Brightness & Saturation Gradients

These gradients show how the Hex color 017587 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 017587 by changing the saturation by 10% instead.

 017587

 017587

FFFFFF

 005C6E

 52A9BC

 004455

 6FC5D8

 002E3E

 8CE1F5

 001B28


 A8FDFE

 000113

 C6FFFF

 000000

 E3FFFF

 017587

 017587

 007587

 0F7787

■ 1C7987

■ 2A7A87

■ 377C87

■ 457E87

■ 528087

■ 608287

■ 6D8487

■ 7B8587

Harmonies

Analogous

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



197672



017587



2E7195

Triad

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



017587



8D5B7A



716B3D

Complementary

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



017587



871301

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



017587



965863

Square

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



017587



77618D



935C4E



587247

Rectangle

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



017587



496C97



935C4E



79693C

Sweetspot

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



017587



7BA9B0



018713



395559



D9D9D9



595959

Same Dimension

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



017587



0098B0



013287



3C4142



007182



000203

Inverse Universe

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



870175



B00098



875601



423C41



820071



030002

Previews

White Background



This preview shows how the Hex color 017587 looks on a white background.

Color Contrast Check

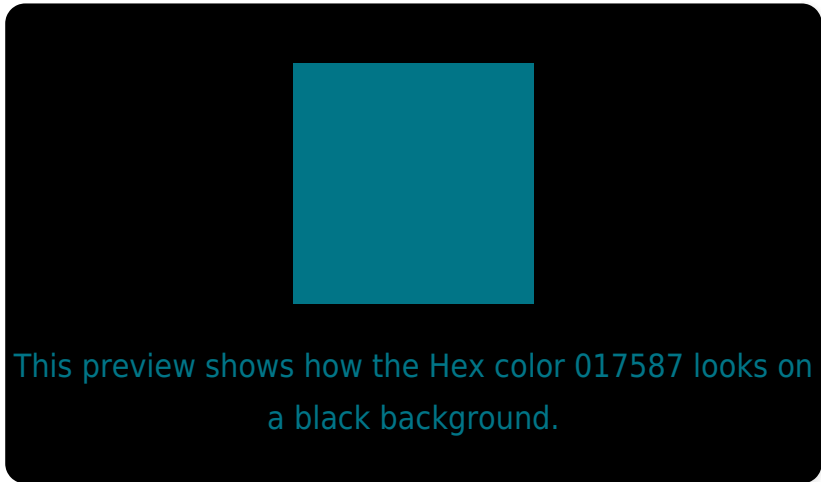
Large Text (above 18pt) WCAG AA ✓ Pass

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

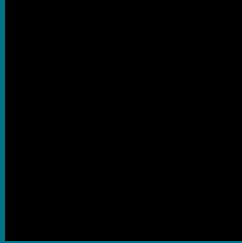
Any Text WCAG AA × Fail

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 017587 Background



This preview shows how black text looks on a background with the Hex color 017587.

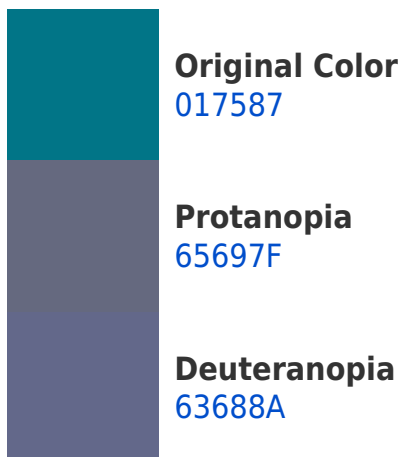


This preview shows how white text looks on a background with the Hex color 017587.

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



Original Color
017587

Protanomaly
416D82

Deuteranomaly
3F6D89

Tritanomaly
007682

Monochromacy



Original Color
017587

Achromatopsia
545454

Achromatomaly
366067

CSS Examples

Text

The CSS property to change the color of the text to Hex 017587 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 #017587 looks like.

```
.text, #text, p{  
    color:#017587  
}
```

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 #017587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017587
}
```

Border

The CSS property to change the border of an element to Hex 017587 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
#017587 }
```

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

```
.border{ border-color:#017587 }
```

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

Here you see how a box with a 4 pixel #017587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017587; -webkit-box-shadow:4px 4px  
4px 4px #017587; box-shadow:4px 4px 4px  
4px #017587 }
```

Background

The CSS property to change the background color of an element to Hex 017587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017587 }
```

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

```
.background{ background-color:#017587 }
```

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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