

Converting Colors

Hex(017595)

Have a look what the booklet for
Hex(017595) contains.

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Color

Hex(017595)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 017595 |
| RGB | 1, 117, 149 |
| RGB Percent | 0%, 46%, 58% |
| CMY | 0.9961, 0.5412, 0.4157 |
| CMYK | 0.99, 0.21, 0.00, 0.42 |
| HSL | 193°, 99%, 29% |
| HSV | 193°, 99%, 58% |
| XYZ | 11.7986, 14.8990, 30.6877 |
| YIQ | 85.9640, -79.4080, -14.6400 |

Conversions

Conversions Part 2

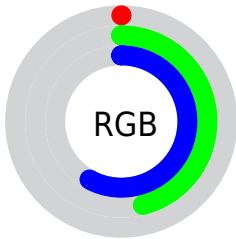
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 1, 66, 149 |
| Decimal | 95637 |
| CIELab | 45.50, -15.65, -25.10 |
| CIELCh | 45, 29.578, 238.067 |
| Yxy | 14.8990, 0.2056, 0.2596 |
| Android (android.graphics.Color) | 4278285717 (0xFF017595) |
| YUV | 85.9640, 31.0767, -74.5134 |
| Hunter-Lab | 38.5992, -12.9864, -20.1182 |

Details

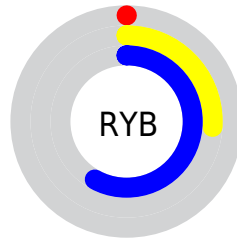
The Hex color **017595** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **952101**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **55A9CB**, and **004562** is the 20% darker color. If you saturate the color by 10%, you get **007595**, and if you desaturate by 10%, it is **107895**.

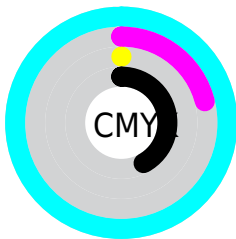
Distribution



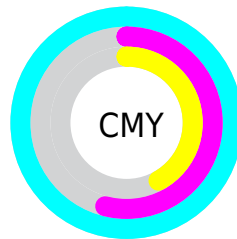
- Red (0%)
- Green (46%)
- Blue (58%)



- Red (0%)
- Yellow (26%)
- Blue (58%)



- Cyan (99%)
- Magenta (21%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 017595 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 017595 by changing the saturation by 10% instead.

017595

017595

FFFFFF

005C7B

55A9CB

004562

72C4E7

002E4A

8FE0FF

001B33

ACFDFF

00021E

CAFFFF

000000

E7FFFF

017595

017595

007595

107895

■ 1F7B95

■ 2E7F95

■ 3D8295

■ 4B8595

■ 5A8895

■ 698C95

■ 788F95

■ 879295

Harmonies

Analogous

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



007882



017595



436F9D

Triad

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



017595



99586E



64713F

Complementary

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



017595



952101

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.



7D6A3A



017595



9B5A56

Square

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



017595



895D86



906142



467651

Rectangle

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



017595



5F699B



906142



6D6F3C

Sweetspot

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



017595



88B5C2



01951F



3E5961



E0E0E0



616161

Same Dimension

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



017595



0098C2



012D95



43484A



006C8A



00080A

Inverse Universe

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



950175



C20098



956901



4A4348



8A006C



0A0008

Previews

White Background



This preview shows how the Hex color 017595 looks on a white background.

Color Contrast Check

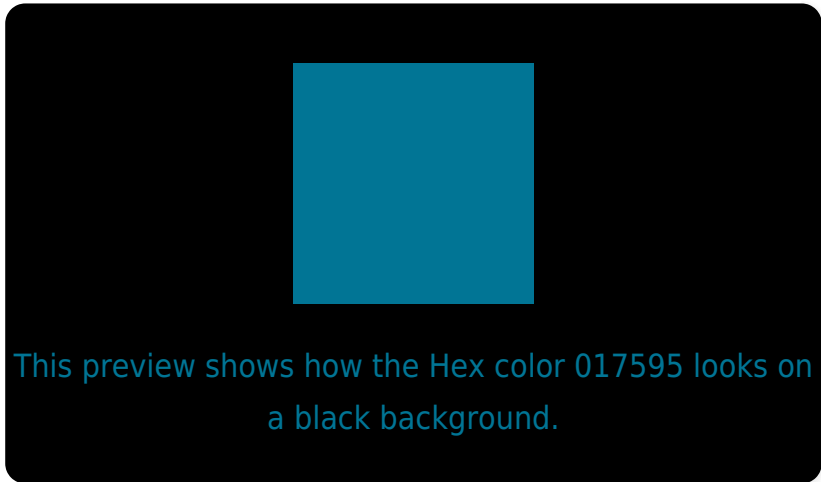
Large Text (above 18pt) WCAG AA ✓ Pass

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

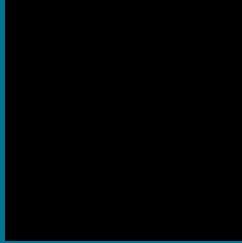
Any Text WCAG AA × Fail

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 017595 Background



This preview shows how black text looks on a background with the Hex color 017595.

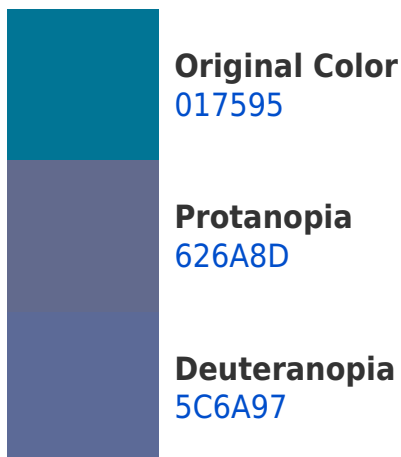


This preview shows how white text looks on a background with the Hex color 017595.

Color Blindness Simulation

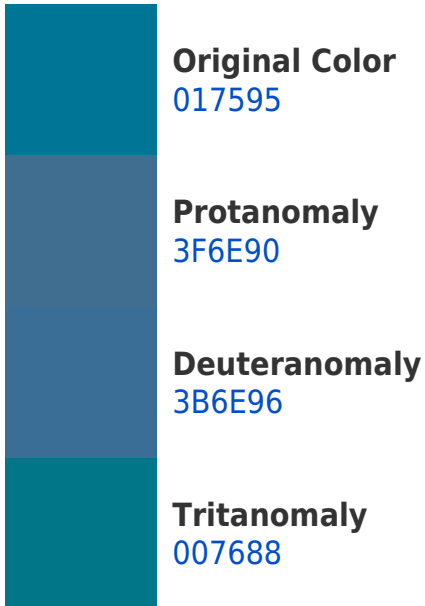
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 017595 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 #017595 looks like.

```
.text, #text, p{  
    color:#017595  
}
```

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 #017595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #017595
}
```

Border

The CSS property to change the border of an element to Hex 017595 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
#017595 }
```

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

```
.border{ border-color:#017595 }
```

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

Here you see how a box with a 4 pixel #017595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #017595; -webkit-box-shadow:4px 4px  
4px 4px #017595; box-shadow:4px 4px 4px  
4px #017595 }
```

Background

The CSS property to change the background color of an element to Hex 017595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#017595 }
```

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

```
.background{ background-color:#017595 }
```

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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