

Converting Colors

Hex(005788)

Have a look what the booklet for
Hex(005788) contains.

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Color

Hex(005788)

Conversions

Conversions Part 1

Format	Color
Hex	005788
RGB	0, 87, 136
RGB Percent	0%, 34%, 53%
CMY	1.0000, 0.6588, 0.4667
CMYK	1.00, 0.36, 0.00, 0.47
HSL	202°, 100%, 27%
HSV	202°, 100%, 53%
XYZ	7.8521, 8.5940, 24.5375
YIQ	66.5730, -67.5810, -3.2050

Conversions

Conversions Part 2

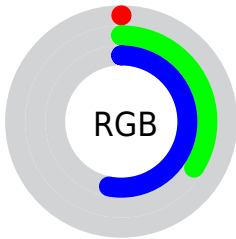
Format	Color
RYB	0, 53, 136
Decimal	22408
CIELab	35.19, -2.88, -33.45
CIELCh	35, 33.573, 265.071
Yxy	8.5940, 0.1916, 0.2097
Android (android.graphics.Color)	4278212488 (0xFF005788)
YUV	66.5730, 34.2275, -58.3845
Hunter-Lab	29.3155, -3.4909, -29.1058

Details

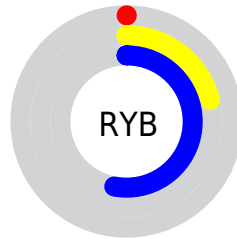
The Hex color **005788** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **883100**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4F89BE**, and **002A56** is the 20% darker color. If you saturate the color by 10%, you get **005788**, and if you desaturate by 10%, it is **0E5C88**.

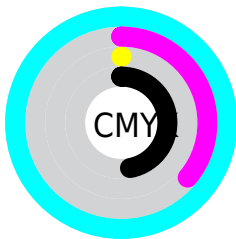
Distribution



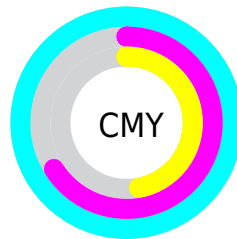
- Red (0%)
- Green (34%)
- Blue (53%)



- Red (0%)
- Yellow (21%)
- Blue (53%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005788 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 005788 by changing the saturation by 10% instead.

005788

005788

FFFFFF

00406E

4F89BE

002A56

6CA3DA

00163E

88BEF6

000328

A5D9FF

000112

C1F6FF

000000

DFFFFF

FCFFFF

005788

■ 0E5C88

■ 1B6188

■ 296688

■ 366B88

■ 447088

■ 527488

■ 5F7988

■ 6D7E88

■ 7A8388

Harmonies

Analogous

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



005D7E



005788



4D4D83

Triad

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



005788



843D3E



2A5D33

Complementary

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



005788



883100

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.



4C581F



005788



794627

Square

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



005788



813C58



66501B



00604D

Rectangle

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



005788



664679



66501B



375C2B

Sweetspot

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



005788



7B9DB0



008830



394E59



D9D9D9



595959

Same Dimension

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



005788



0071B0



001488



3E4245



005585



000305

Inverse Universe

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



880057



B00071



887400



453E42



850055



050003

Previews

White Background



This preview shows how the Hex color 005788 looks on a white background.

Color Contrast Check

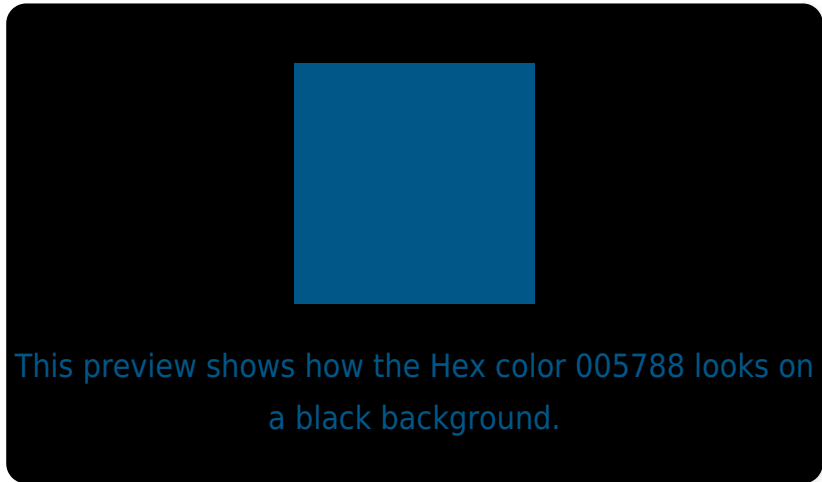
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

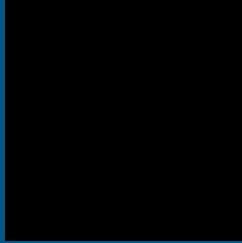
Any Text WCAG AA × Fail

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 005788 Background



This preview shows how black text looks on a background with the Hex color 005788.



This preview shows how white text looks on a background with the Hex color 005788.

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
005C63

Trichromacy



Original Color
005788

Protanomaly
295385

Deuteranomaly
1F5489

Tritanomaly
005A70

Monochromacy



Original Color
005788

Achromatopsia
434343

Achromatomaly
2B4A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 005788 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 #005788 looks like.

```
.text, #text, p{  
    color:#005788  
}
```

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 #005788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005788
}
```

Border

The CSS property to change the border of an element to Hex 005788 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
#005788 }
```

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

```
.border{ border-color:#005788 }
```

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

Here you see how a box with a 4 pixel #005788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005788; -webkit-box-shadow:4px 4px  
4px 4px #005788; box-shadow:4px 4px 4px  
4px #005788 }
```

Background

The CSS property to change the background color of an element to Hex 005788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005788 }
```

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

```
.background{ background-color:#005788 }
```

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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