

Converting Colors

Hex(005785)

Have a look what the booklet for
Hex(005785) contains.

Hex(005785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(005785)

Conversions

Conversions Part 1

Format	Color
Hex	005785
RGB	0, 87, 133
RGB Percent	0%, 34%, 52%
CMY	1.0000, 0.6588, 0.4784
CMYK	1.00, 0.35, 0.00, 0.48
HSL	201°, 100%, 26%
HSV	201°, 100%, 52%
XYZ	7.6418, 8.5098, 23.4301
YIQ	66.2310, -66.6180, -4.1380

Conversions

Conversions Part 2

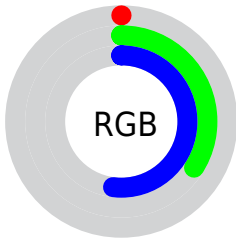
Format	Color
RYB	0, 53, 133
Decimal	22405
CIELab	35.02, -4.12, -31.88
CIELCh	35, 32.144, 262.629
Yxy	8.5098, 0.1931, 0.2150
Android (android.graphics.Color)	4278212485 (0xFF005785)
YUV	66.2310, 32.9171, -58.0846
Hunter-Lab	29.1716, -4.2903, -27.2004

Details

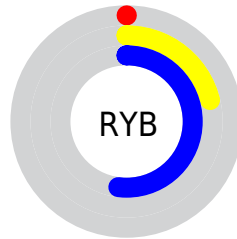
The Hex color **005785** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **852E00**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4E89BA**, and **002A53** is the 20% darker color. If you saturate the color by 10%, you get **005785**, and if you desaturate by 10%, it is **0D5C85**.

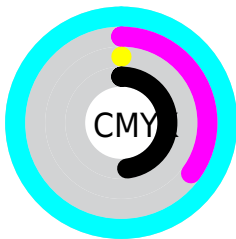
Distribution



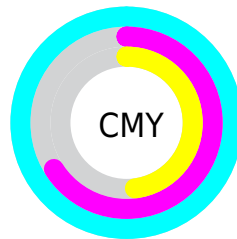
- Red (0%)
- Green (34%)
- Blue (52%)



- Red (0%)
- Yellow (21%)
- Blue (52%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (66%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005785 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 005785 by changing the saturation by 10% instead.

005785

005785

FFFFFF

00406C

4E89BA

002A53

6BA3D6

00163C

87BEF3

000226

A3D9FF

00010E

C0F6FF

000000

DDFFFF

FBFFFF

005785

■ 0D5C85

■ 1B6085

■ 286585

■ 356985

■ 436E85

■ 507385

■ 5D7785

■ 6A7C85

■ 788085

Harmonies

Analogous

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



005D7B



005785



4A4E82

Triad

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



005785



823E40



2F5C32

Complementary

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



005785



852E00

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.



4E5721



005785



79452A

Square

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



005785



7E3D5A



674F1E



005F4B

Rectangle

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



005785



624778



674F1E



3A5B2B

Sweetspot

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



005785



799BAD



00852C



374C57



D6D6D6



575757

Same Dimension

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



005785



0071AD



001685



3C4042



005582



000203

Inverse Universe

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



850057



AD0071



856F00



423C40



820055



030002

Previews

White Background



This preview shows how the Hex color 005785 looks on a white background.

Color Contrast Check

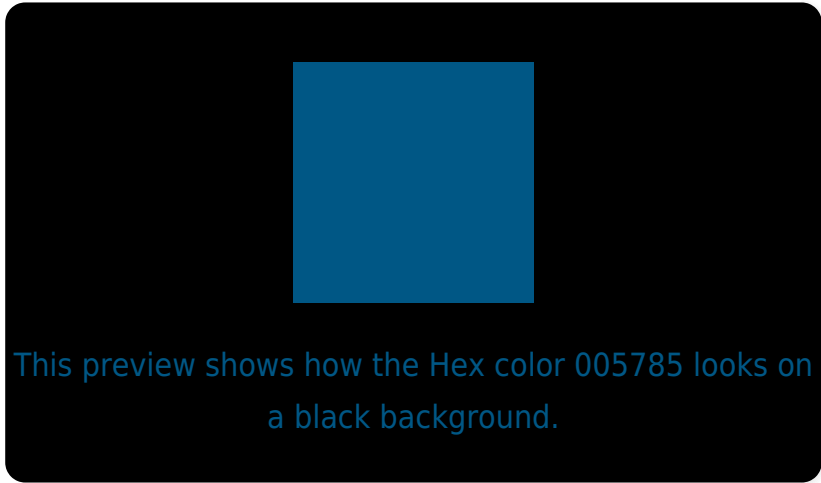
Large Text (above 18pt) WCAG AA ✓ Pass

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

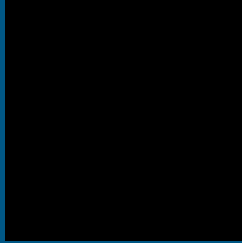
Any Text WCAG AA × Fail

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 005785 Background



This preview shows how black text looks on a background with the Hex color 005785.



This preview shows how white text looks on a background with the Hex color 005785.

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



Original Color
005785

Protanomaly
2A5382

Deuteranomaly
205486

Tritanomaly
005A6F

Monochromacy



Original Color
005785

Achromatopsia
424242

Achromatomaly
2A4A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 005785 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 #005785 looks like.

```
.text, #text, p{  
    color:#005785  
}
```

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 #005785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005785
}
```

Border

The CSS property to change the border of an element to Hex 005785 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
#005785 }
```

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

```
.border{ border-color:#005785 }
```

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

Here you see how a box with a 4 pixel #005785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005785; -webkit-box-shadow:4px 4px  
4px 4px #005785; box-shadow:4px 4px 4px  
4px #005785 }
```

Background

The CSS property to change the background color of an element to Hex 005785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005785 }
```

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

```
.background{ background-color:#005785 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor