

Converting Colors

Hex(005E7D)

Have a look what the booklet for
Hex(005E7D) contains.

Hex(005E7D)	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(005E7D)

Conversions

Conversions Part 1

Format	Color
Hex	005E7D
RGB	0, 94, 125
RGB Percent	0%, 37%, 49%
CMY	1.0000, 0.6314, 0.5098
CMYK	1.00, 0.25, 0.00, 0.51
HSL	195°, 100%, 25%
HSV	195°, 100%, 49%
XYZ	7.7044, 9.4861, 20.8270
YIQ	69.4280, -65.9750, -10.2870

Conversions

Conversions Part 2

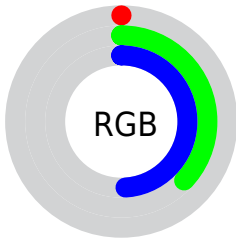
Format	Color
RYB	0, 54, 125
Decimal	24189
CIELab	36.90, -11.64, -24.02
CIElCh	37, 26.695, 244.139
Yxy	9.4861, 0.2027, 0.2495
Android (android.graphics.Color)	4278214269 (0xFF005E7D)
YUV	69.4280, 27.3970, -60.8884
Hunter-Lab	30.7995, -9.2480, -18.5330

Details

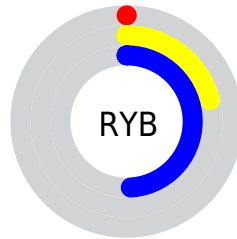
The Hex color **005E7D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7D1F00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4D90B2**, and **00304C** is the 20% darker color. If you saturate the color by 10%, you get **005E7D**, and if you desaturate by 10%, it is **0C617D**.

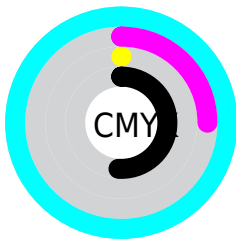
Distribution



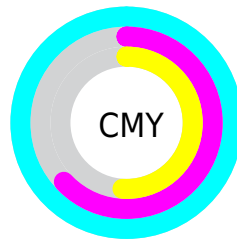
- Red (0%)
- Green (37%)
- Blue (49%)



- Red (0%)
- Yellow (21%)
- Blue (49%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005E7D 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 005E7D by changing the saturation by 10% instead.

 005E7D

 005E7D

FFFFFF

 004664

 4D90B2

 00304C

 69ABCD

 001C35

 85C6EA

 000220

 A1E2FF

 000004

 BEFFFF

 000000

 DBFFFF

 F8FFFF

 005E7D

■ 0C617D

■ 19647D

■ 26677D

■ 326A7D

■ 3F6D7D

■ 4B717D

■ 57747D

■ 64777D

■ 717A7D

Harmonies

Analogous

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



00616E



005E7D



3A5881

Triad

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



005E7D



7F4555



4B5D32

Complementary

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



005E7D



7D1F00

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.



61572B



005E7D



7E4840

Square

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



005E7D



74496A



734F30



306043

Rectangle

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



005E7D



53537E



734F30



535B2F

Sweetspot

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



005E7D



7297A3



007D1D



344A52



D1D1D1



525252

Same Dimension

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



005E7D



007BA3



00217D



393E40



006080



000000

Inverse Universe

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



7D005E



A3007B



7D5C00



40393E



800060



000000

Previews

White Background



This preview shows how the Hex color 005E7D looks on a white background.

Color Contrast Check

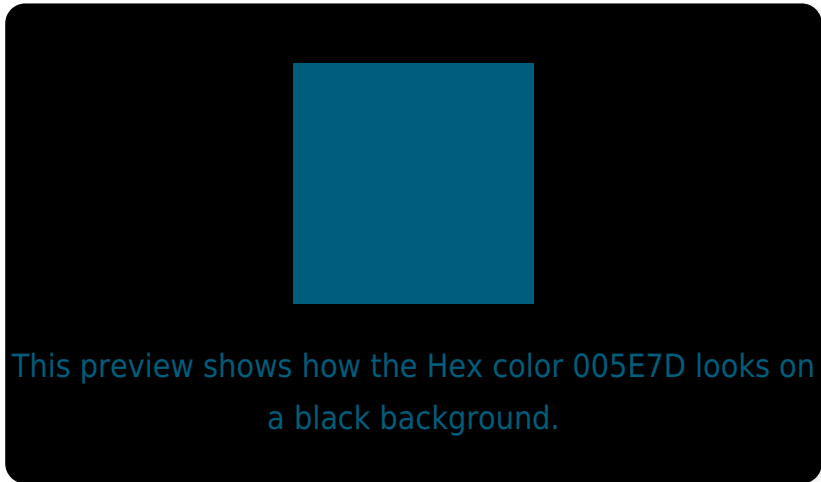
Large Text (above 18pt) WCAG AA ✓ Pass

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

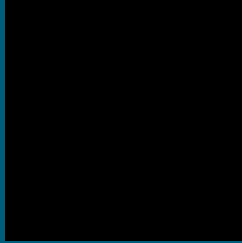
Any Text WCAG AA × Fail

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 005E7D Background



This preview shows how black text looks on a background with the Hex color 005E7D.



This preview shows how white text looks on a background with the Hex color 005E7D.

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
006168

Trichromacy



Original Color
005E7D

Protanomaly
315979

Deuteranomaly
2D597E

Tritanomaly
006070

Monochromacy



Original Color
005E7D

Achromatopsia
454545

Achromatomaly
2C4E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 005E7D 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 #005E7D looks like.

```
.text, #text, p{  
    color:#005E7D  
}
```

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 #005E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005E7D
}
```

Border

The CSS property to change the border of an element to Hex 005E7D 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
#005E7D }
```

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

```
.border{ border-color:#005E7D }
```

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

Here you see how a box with a 4 pixel #005E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005E7D; -webkit-box-shadow:4px 4px  
4px 4px #005E7D; box-shadow:4px 4px 4px  
4px #005E7D }
```

Background

The CSS property to change the background color of an element to Hex 005E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005E7D }
```

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

```
.background{ background-color:#005E7D }
```

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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