

Converting Colors

Hex(05417F)

Have a look what the booklet for
Hex(05417F) contains.

Hex(05417F)	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(05417F)

Conversions

Conversions Part 1

Format	Color
Hex	05417F
RGB	5, 65, 127
RGB Percent	2%, 25%, 50%
CMY	0.9804, 0.7451, 0.5020
CMYK	0.96, 0.49, 0.00, 0.50
HSL	210°, 92%, 26%
HSV	210°, 96%, 50%
XYZ	5.7836, 5.3452, 20.8056
YIQ	54.1280, -55.6620, 6.5620

Conversions

Conversions Part 2

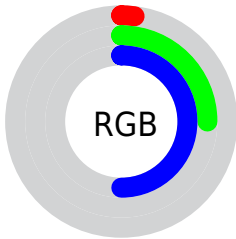
Format	Color
RYB	5, 45, 127
Decimal	344447
CIELab	27.70, 8.32, -39.86
CIELCh	28, 40.716, 281.788
Yxy	5.3452, 0.1811, 0.1674
Android (android.graphics.Color)	4278534527 (0xFF05417F)
YUV	54.1280, 35.9259, -43.0853
Hunter-Lab	23.1196, 4.1946, -37.1719

Details

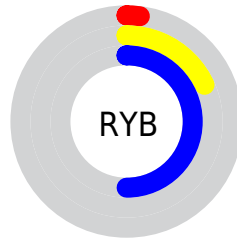
The Hex color **05417F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F4305**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4E70B4**, and **00184D** is the 20% darker color. If you saturate the color by 10%, you get **003E7F**, and if you desaturate by 10%, it is **12477F**.

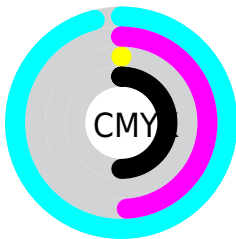
Distribution



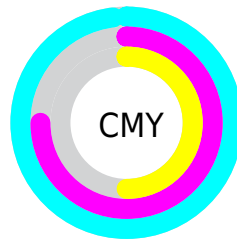
- Red (2%)
- Green (25%)
- Blue (50%)



- Red (2%)
- Yellow (18%)
- Blue (50%)



- Cyan (96%)
- Magenta (49%)
- Yellow (0%)
- Black (50%)



- Cyan (98%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05417F 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 05417F by changing the saturation by 10% instead.

05417F

05417F

FFFFFF

002B66

4E70B4

00184D

6A89D0

000536

86A4ED

000220

A2BFFF

000003

BFDAFF

000000

DCF7FF

F9FFFF

05417F

05417F

■ 003E7F

■ 12477F

■ 1E4E7F

■ 2B547F

■ 385B7F

■ 45617F

■ 51687F

■ 5E6E7F

■ 6B757F

■ 777B7F

Harmonies

Analogous

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



004A7D



05417F



523370

Triad

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



05417F



722B19



004E2D

Complementary

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



05417F



7F4305

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.



214B0D



05417F



5F3900

Square

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



05417F



792036



454400



00504D

Rectangle

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



05417F



68295F



454400



004D22

Sweetspot

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



05417F



768DA6



057F42



374554



D4D4D4



545454

Same Dimension

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



05417F



0052A6



05057F



393D40



003F80



000000

Inverse Universe

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



7F0541



A60052



7F7F05



40393D



80003F



000000

Previews

White Background



This preview shows how the Hex color 05417F 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

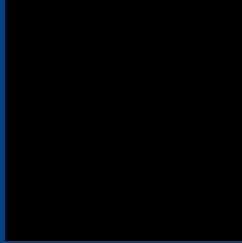
Any Text WCAG AA × Fail

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 05417F Background



This preview shows how black text looks on a background with the Hex color 05417F.




This preview shows how white text looks on a background with the Hex color 05417F.

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
00494E

Trichromacy



Original Color
05417F

Protanomaly
16407E

Deuteranomaly
024279

Tritanomaly
024660

Monochromacy



Original Color
05417F

Achromatopsia
363636

Achromatomaly
243A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 05417F 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 #05417F looks like.

```
.text, #text, p{  
    color:#05417F  
}
```

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 #05417F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05417F
}
```

Border

The CSS property to change the border of an element to Hex 05417F 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
#05417F }
```

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

```
.border{ border-color:#05417F }
```

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

Here you see how a box with a 4 pixel #05417F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05417F; -webkit-box-shadow:4px 4px  
4px 4px #05417F; box-shadow:4px 4px 4px  
4px #05417F }
```

Background

The CSS property to change the background color of an element to Hex 05417F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05417F }
```

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

```
.background{ background-color:#05417F }
```

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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