

Converting Colors

Hex(005878)

Have a look what the booklet for
Hex(005878) contains.

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Color

Hex(005878)

Conversions

Conversions Part 1

Format	Color
Hex	005878
RGB	0, 88, 120
RGB Percent	0%, 35%, 47%
CMY	1.0000, 0.6549, 0.5294
CMYK	1.00, 0.27, 0.00, 0.53
HSL	196°, 100%, 24%
HSV	196°, 100%, 47%
XYZ	6.8799, 8.3355, 19.0156
YIQ	65.3360, -62.7200, -8.7040

Conversions

Conversions Part 2

Format	Color
RYB	0, 51, 120
Decimal	22648
CIELab	34.67, -10.04, -24.43
CIELCh	35, 26.409, 247.663
Yxy	8.3355, 0.2010, 0.2435
Android (android.graphics.Color)	4278212728 (0xFF005878)
YUV	65.3360, 26.9494, -57.2997
Hunter-Lab	28.8713, -7.9891, -18.8405

Details

The Hex color **005878** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **782000**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4B8AAC**, and **002B47** is the 20% darker color. If you saturate the color by 10%, you get **005878**, and if you desaturate by 10%, it is **0C5B78**.

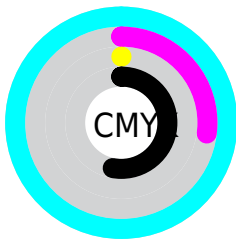
Distribution



- Red (0%)
- Green (35%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005878 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 005878 by changing the saturation by 10% instead.

005878

005878

FFFFFF

00415F

4B8AAC

002B47

67A4C8

001731

83BFE4

00011C

9FDBFF

000000

BBF8FF

D8FFFF

F6FFFF

005878

■ 0C5B78

■ 185E78

■ 246278

■ 306578

■ 3C6878

■ 486B78

■ 546E78

■ 607278

■ 6C7578

Harmonies

Analogous

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



005C6B



005878



3A527B

Triad

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



005878



79404D



43582F

Complementary

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



005878



782000

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.



595227



005878



774439

Square

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



005878



704362



6C4B2B



275B41

Rectangle

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



005878



514D77



6C4B2B



4B562B

Sweetspot

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



005878



6D8F9C



007820



33474F



CFCFCF



4F4F4F

Same Dimension

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



005878



00729C



001C78



373C3D



005C7D



00B9FC

Inverse Universe

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



780058



9C0072



785C00



3D373C



7D005C



FC00B9

Previews

White Background



This preview shows how the Hex color 005878 looks on a white background.

Color Contrast Check

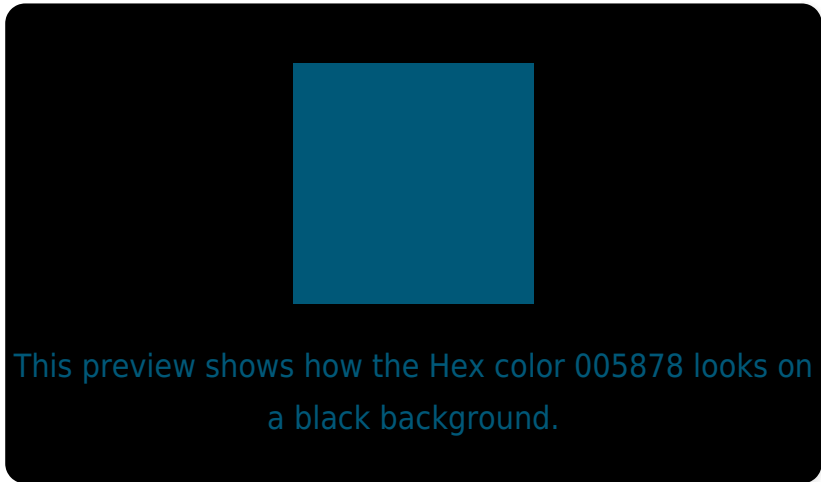
Large Text (above 18pt) WCAG AA ✓ Pass

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

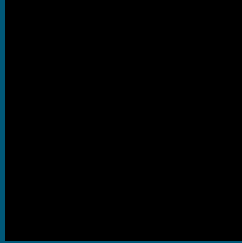
Any Text WCAG AA × Fail

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 005878 Background



This preview shows how black text looks on a background with the Hex color 005878.

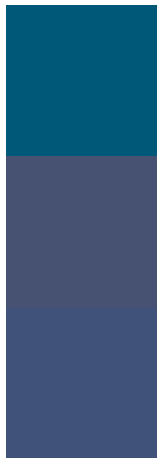


This preview shows how white text looks on a background with the Hex color 005878.

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



Original Color
005878

Protanopia
475172

Deuteranopia
40517A



Tritanopia
005B62

Trichromacy



Original Color
005878

Protanomaly
2D5474

Deuteranomaly
295479

Tritanomaly
005A6A

Monochromacy



Original Color
005878

Achromatopsia
414141

Achromatomaly
294955

CSS Examples

Text

The CSS property to change the color of the text to Hex 005878 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 #005878 looks like.

```
.text, #text, p{  
    color:#005878  
}
```

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 #005878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005878
}
```

Border

The CSS property to change the border of an element to Hex 005878 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
#005878 }
```

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

```
.border{ border-color:#005878 }
```

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

Here you see how a box with a 4 pixel #005878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005878; -webkit-box-shadow:4px 4px  
4px 4px #005878; box-shadow:4px 4px 4px  
4px #005878 }
```

Background

The CSS property to change the background color of an element to Hex 005878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005878 }
```

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

```
.background{ background-color:#005878 }
```

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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