

Converting Colors

Hex(015078)

Have a look what the booklet for
Hex(015078) contains.

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Color

Hex(015078)

Conversions

Conversions Part 1

Format	Color
Hex	015078
RGB	1, 80, 120
RGB Percent	0%, 31%, 47%
CMY	0.9961, 0.6863, 0.5294
CMYK	0.99, 0.33, 0.00, 0.53
HSL	200°, 98%, 24%
HSV	200°, 99%, 47%
XYZ	6.2713, 7.0998, 18.8092
YIQ	60.9390, -59.9240, -4.3080

Conversions

Conversions Part 2

Format	Color
R _Y B	1, 48, 120
Decimal	86136
CIE Lab	32.03, -5.00, -28.57
CIE LCh	32, 29.004, 260.081
Yxy	7.0998, 0.1949, 0.2206
Android (android.graphics.Color)	4278276216 (0xFF015078)
YUV	60.9390, 29.1171, -52.5665
Hunter-Lab	26.6455, -4.6176, -23.2012

Details

The Hex color **015078** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **782901**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4A81AD**, and **002447** is the 20% darker color. If you saturate the color by 10%, you get **005078**, and if you desaturate by 10%, it is **0D5478**.

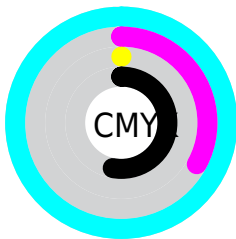
Distribution



- Red (0%)
- Green (31%)
- Blue (47%)



- Red (0%)
- Yellow (19%)
- Blue (47%)



- Cyan (99%)
- Magenta (33%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 015078 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 015078 by changing the saturation by 10% instead.

■ 015078

■ 015078

FFFFFF

■ 00395F

■ 4A81AD

■ 002447

■ 669BC8

■ 000E31

■ 82B6E4

■ 00011B

■ 9ED1FF

■ 000000

■ BBEEFF

■ D7FFFF

■ F5FFFF

■ 015078

■ 015078

■ 005078

■ 0D5478

■ 195878

■ 255C78

■ 316078

■ 3D6478

■ 496878

■ 556C78

■ 617078

■ 6D7478

Harmonies

Analogous

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



00556E



015078



414876

Triad

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



015078



76393D



2F542D

Complementary

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



015078



782901

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.



4A4F1F



015078



6F3F29

Square

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



015078



723954



5F471D



005643

Rectangle

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



015078



57426E



5F471D



395227

Sweetspot

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



015078



6D8C9C



017829



33454F



CFCFCF



4F4F4F

Same Dimension

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



015078



00679C



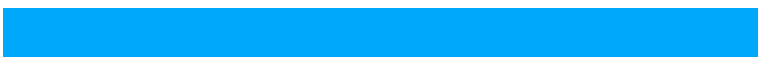
011578



373B3D



00537D



00A8FC

Inverse Universe

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



780150



9C0067



786401



3D373B



7D0053



FC00A8

Previews

White Background



This preview shows how the Hex color 015078 looks on a white background.

Color Contrast Check

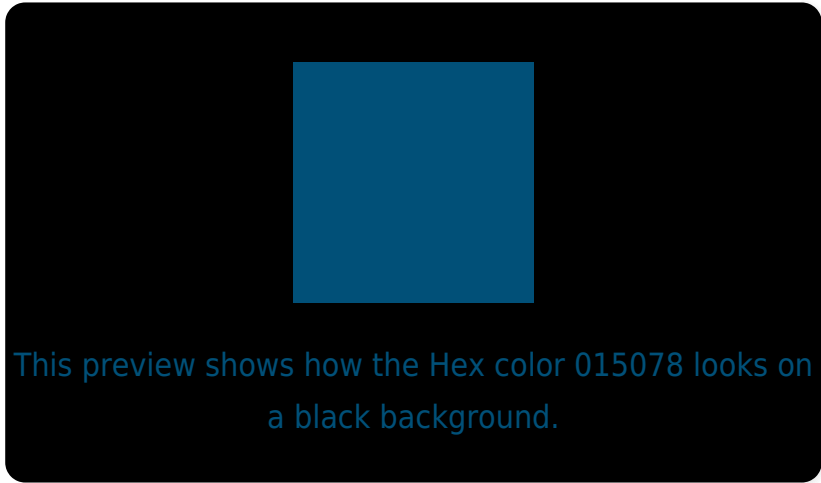
Large Text (above 18pt) WCAG AA ✓ Pass

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

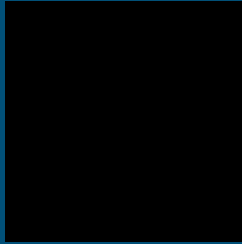
Any Text WCAG AA × Fail

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 015078 Background



This preview shows how black text looks on a background with the Hex color 015078.



This preview shows how white text looks on a background with the Hex color 015078.

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
015078

Protanopia
3D4A73

Deuteranopia
314C79

Trichromacy



Original Color
015078

Protanomaly
274C75

Deuteranomaly
204D79

Tritanomaly
005365

Monochromacy



Original Color
015078

Achromatopsia
3D3D3D

Achromatomaly
274452

CSS Examples

Text

The CSS property to change the color of the text to Hex 015078 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 #015078 looks like.

```
.text, #text, p{  
    color:#015078  
}
```

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 #015078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015078
}
```

Border

The CSS property to change the border of an element to Hex 015078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

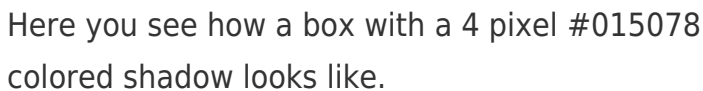
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#015078 }
```

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

```
.border{ border-color:#015078 }
```

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



Here you see how a box with a 4 pixel #015078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015078; -webkit-box-shadow:4px 4px  
4px 4px #015078; box-shadow:4px 4px 4px  
4px #015078 }
```

Background

The CSS property to change the background color of an element to Hex 015078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015078 }
```

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

```
.background{ background-color:#015078 }
```

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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