

Converting Colors

Hex(015A78)

Have a look what the booklet for
Hex(015A78) contains.

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Color

Hex(015A78)

Conversions

Conversions Part 1

Format	Color
Hex	015A78
RGB	1, 90, 120
RGB Percent	0%, 35%, 47%
CMY	0.9961, 0.6471, 0.5294
CMYK	0.99, 0.25, 0.00, 0.53
HSL	195°, 98%, 24%
HSV	195°, 99%, 47%
XYZ	7.0588, 8.6748, 19.0717
YIQ	66.8090, -62.6740, -9.5380

Conversions

Conversions Part 2

Format	Color
RYB	1, 52, 120
Decimal	88696
CIELab	35.35, -11.17, -23.37
CIELCh	35, 25.899, 244.451
Yxy	8.6748, 0.2028, 0.2492
Android (android.graphics.Color)	4278278776 (0xFF015A78)
YUV	66.8090, 26.2232, -57.7145
Hunter-Lab	29.4531, -8.7629, -17.7747

Details

The Hex color **015A78** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **781F01**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B8CAC**, and **002C47** is the 20% darker color. If you saturate the color by 10%, you get **005A78**, and if you desaturate by 10%, it is **0D5D78**.

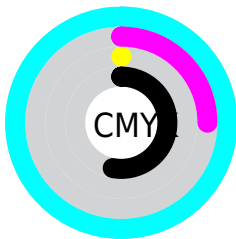
Distribution



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



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



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 015A78 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 015A78 by changing the saturation by 10% instead.



015A78



015A78

FFFFFF



00435F



4B8CAC



002C47



67A6C8



001931



83C2E4



00011C



9FDDFF



000000



BCFAFF



D9FFFF



F6FFFF



015A78



015A78

■ 005A78

■ 0D5D78

■ 196078

■ 256378

■ 316678

■ 3D6978

■ 496C78

■ 556F78

■ 617278

■ 6D7578

Harmonies

Analogous

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



005D6A



015A78



38547C

Triad

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



015A78



7A4251



475930

Complementary

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



015A78



781F01

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.



5D5329



015A78



79453D

Square

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



015A78



6F4565



6F4C2E



2D5C41

Rectangle

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



015A78



4F4F79



6F4C2E



4F572C

Sweetspot

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



015A78



6D909C



01781F



33484F



CFCFCF



4F4F4F

Same Dimension

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



015A78



00749C



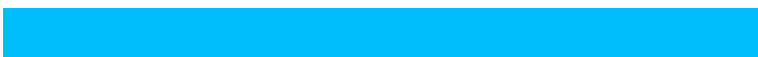
011F78



373C3D



005D7D



00BDFC

Inverse Universe

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



78015A



9C0074



785A01



3D373C



7D005D



FC00BD

Previews

White Background



This preview shows how the Hex color 015A78 looks on a white background.

Color Contrast Check

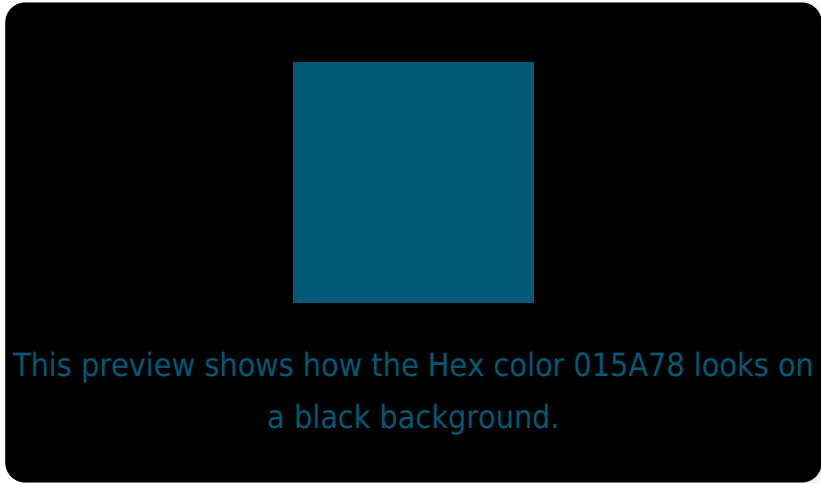
Large Text (above 18pt) WCAG AA ✓ Pass

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

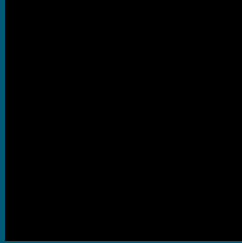
Any Text WCAG AA × Fail

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 015A78 Background



This preview shows how black text looks on a background with the Hex color 015A78.



This preview shows how white text looks on a background with the Hex color 015A78.

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
005D64

Trichromacy



Original Color
015A78

Protanomaly
2F5574

Deuteranomaly
2B5679

Tritanomaly
005C6B

Monochromacy



Original Color
015A78

Achromatopsia
434343

Achromatomaly
2B4B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 015A78 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 #015A78 looks like.

```
.text, #text, p{  
    color:#015A78  
}
```

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 #015A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015A78  
}
```

Border

The CSS property to change the border of an element to Hex 015A78 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  
#015A78 }
```

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

```
.border{ border-color:#015A78 }
```

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

Here you see how a box with a 4 pixel #015A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015A78; -webkit-box-shadow:4px 4px  
4px 4px #015A78; box-shadow:4px 4px 4px  
4px #015A78 }
```

Background

The CSS property to change the background color of an element to Hex 015A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015A78 }
```

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

```
.background{ background-color:#015A78 }
```

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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