

Converting Colors

Hex(3C5079)

Have a look what the booklet for
Hex(3C5079) contains.

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Color

Hex(3C5079)

Conversions

Conversions Part 1

Format	Color
Hex	3C5079
RGB	60, 80, 121
RGB Percent	24%, 31%, 47%
CMY	0.7647, 0.6863, 0.5255
CMYK	0.50, 0.34, 0.00, 0.53
HSL	220°, 34%, 35%
HSV	220°, 50%, 47%
XYZ	8.1833, 8.0785, 19.2171
YIQ	78.6940, -25.0810, 8.5110

Conversions

Conversions Part 2

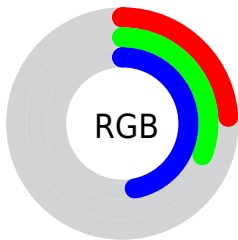
Format	Color
R _{YB}	60, 75, 121
Decimal	3952761
CIE Lab	34.15, 4.64, -25.73
CIE LCh	34, 26.143, 280.220
Yxy	8.0785, 0.2307, 0.2277
Android (android.graphics.Color)	4282142841 (0xFF3C5079)
YUV	78.6940, 20.8569, -16.3946
Hunter-Lab	28.4226, 1.6534, -20.1914

Details

The Hex color **3C5079** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **79653C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F81AE**, and **042448** is the 20% darker color. If you saturate the color by 10%, you get **304879**, and if you desaturate by 10%, it is **485879**.

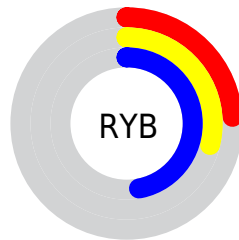
Distribution



Red (24%)

Green (31%)

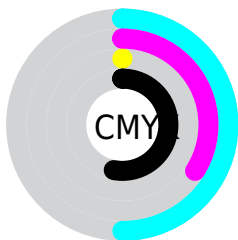
Blue (47%)



Red (24%)

Yellow (29%)

Blue (47%)

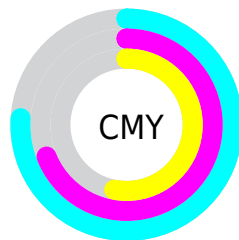


Cyan (50%)

Magenta (34%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (69%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5079 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 3C5079 by changing the saturation by 10% instead.

■ 3C5079

■ 3C5079

FFFFFF

■ 233960

■ 6F81AE

■ 042448

■ 899BC9

■ 000E31

■ A4B6E5

■ 00021C

■ C0D1FF

■ 000000

■ DCEDFE

■ F9FFFF

■ 3C5079

■ 3C5079

■ 304879

■ 485879

■ 244079

■ 546079

■ 183879

■ 606879

■ 0C2F79

■ 6C7179

■ 002879

■ 787979

■ 858179

■ 918979

■ 9D9179

■ A99979

Harmonies

Analogous

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



085677



3C5079



5C4870

Triad

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



3C5079



754337



245A42

Complementary

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



3C5079



79653C

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.



405730



3C5079



694A29

Square

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



3C5079



783F4A



565126



005B57

Rectangle

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



3C5079



6A4365



565126



2E593B

Sweetspot

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



3C5079



868E9E



3C7965



41454F



CFCFCF



4F4F4F

Same Dimension

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



3C5079



3F5E9E



463C79



37393D



00297D



0053FC

Inverse Universe

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



793C50



9E3F5E



6F793C



3D3739



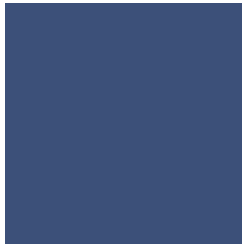
7D0029



FC0053

Previews

White Background



This preview shows how the Hex color 3C5079 looks on a white background.

Color Contrast Check

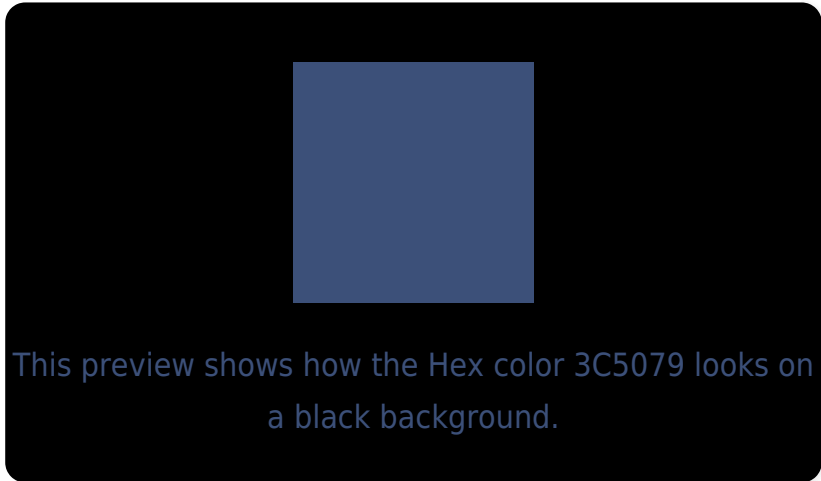
Large Text (above 18pt) WCAG AA ✓ Pass

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

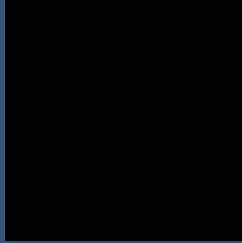
Any Text WCAG AA × Fail

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 3C5079 Background



This preview shows how black text looks on a background with the Hex color 3C5079.



This preview shows how white text looks on a background with the Hex color 3C5079.

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](#).

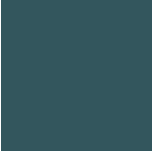
Dichromacy



Original Color
3C5079

Protanopia
424F78

Deuteranopia
3D5079



Tritanopia
33565D

Trichromacy



Original Color
3C5079

Protanomaly
404F78

Deuteranomaly
3D5079

Tritanomaly
365467

Monochromacy



Original Color
3C5079

Achromatopsia
4F4F4F

Achromatomaly
484F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5079 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 #3C5079 looks like.

```
.text, #text, p{  
    color:#3C5079  
}
```

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 #3C5079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5079
}
```

Border

The CSS property to change the border of an element to Hex 3C5079 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
#3C5079 }
```

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

```
.border{ border-color:#3C5079 }
```

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

Here you see how a box with a 4 pixel #3C5079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5079; -webkit-box-shadow:4px 4px  
4px 4px #3C5079; box-shadow:4px 4px 4px  
4px #3C5079 }
```

Background

The CSS property to change the background color of an element to Hex 3C5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5079 }
```

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

```
.background{ background-color:#3C5079 }
```

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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