

Converting Colors

Hex(3C5979)

Have a look what the booklet for
Hex(3C5979) contains.

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Color

Hex(3C5979)

Conversions

Conversions Part 1

Format	Color
Hex	3C5979
RGB	60, 89, 121
RGB Percent	24%, 35%, 47%
CMY	0.7647, 0.6510, 0.5255
CMYK	0.50, 0.26, 0.00, 0.53
HSL	211°, 34%, 35%
HSV	211°, 50%, 47%
XYZ	8.8870, 9.4859, 19.4517
YIQ	83.9770, -27.5560, 3.8040

Conversions

Conversions Part 2

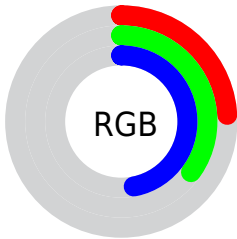
Format	Color
R_{YB}	60, 80, 121
Decimal	3955065
CIE _{Lab}	36.90, -1.09, -21.43
CIE _{LCh}	37, 21.456, 267.080
Yxy	9.4859, 0.2350, 0.2508
Android (android.graphics.Color)	4282145145 (0xFF3C5979)
YUV	83.9770, 18.2523, -21.0278
Hunter-Lab	30.7992, -2.3927, -15.8861

Details

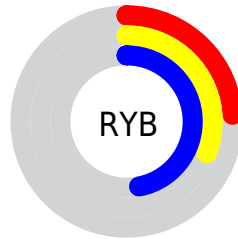
The Hex color **3C5979** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **795C3C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6F8BAD**, and **042C48** is the 20% darker color. If you saturate the color by 10%, you get **305379**, and if you desaturate by 10%, it is **485F79**.

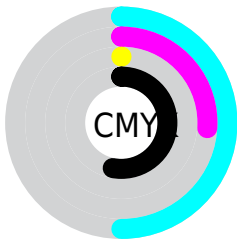
Distribution



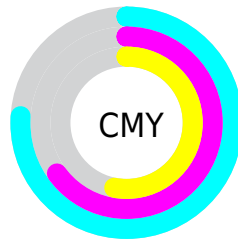
- Red (24%)
- Green (35%)
- Blue (47%)



- Red (24%)
- Yellow (31%)
- Blue (47%)



- Cyan (50%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5979 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 3C5979 by changing the saturation by 10% instead.



3C5979



3C5979

FFFFFF



224260



6F8BAD



042C48



89A5C9



001732



A4C0E5



00021D



C0DCFF



000000



DCF9FF



F9FFFF



3C5979



3C5979



305379



485F79

■ 244C79

■ 546679

■ 184679

■ 606C79

■ 0C4079

■ 6C7279

■ 003A79

■ 787979

■ 857F79

■ 918579

■ 9D8C79

■ A99279

Harmonies

Analogous

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



215D73



3C5979



575375

Triad

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



3C5979



784B48



3E5E44

Complementary

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



3C5979



795C3C

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.



525B38



3C5979



724F3A

Square

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



3C5979



774A59



645534



296054

Rectangle

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



3C5979



654F6E



645534



455D3F

Sweetspot

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



3C5979



86929E



3C795C



41484F



CFCFCF



4F4F4F

Same Dimension

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



3C5979



3F6C9E



3D3C79



373A3D



003B7D



0078FC

Inverse Universe

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



793C59



9E3F6C



78793C



3D373A



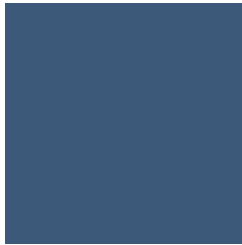
7D003B



FC0078

Previews

White Background



This preview shows how the Hex color 3C5979 looks on a white background.

Color Contrast Check

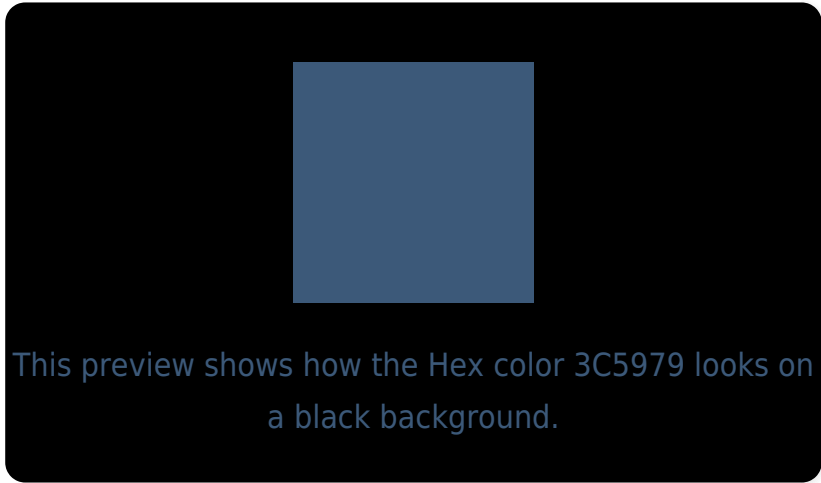
Large Text (above 18pt) WCAG AA ✓ Pass

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

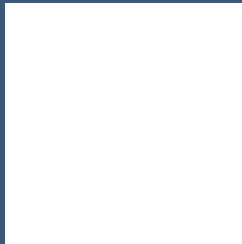
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3C5979 Background



This preview shows how black text looks on a background with the Hex color 3C5979.

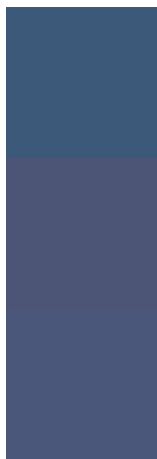


This preview shows how white text looks on a background with the Hex color 3C5979.

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
3C5979

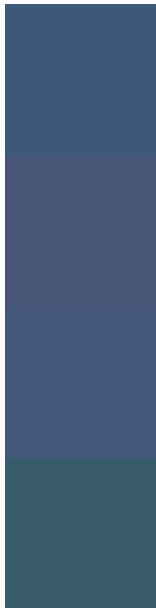
Protanopia
4D5576

Deuteranopia
4A567A



Tritanopia
355D64

Trichromacy



Original Color
3C5979

Protanomaly
475677

Deuteranomaly
45577A

Tritanomaly
385C6C

Monochromacy



Original Color
3C5979

Achromatopsia
545454

Achromatomaly
4B5661

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5979 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 #3C5979 looks like.

```
.text, #text, p{  
    color:#3C5979  
}
```

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 #3C5979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5979
}
```

Border

The CSS property to change the border of an element to Hex 3C5979 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
#3C5979 }
```

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

```
.border{ border-color:#3C5979 }
```

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

Here you see how a box with a 4 pixel #3C5979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5979; -webkit-box-shadow:4px 4px  
4px 4px #3C5979; box-shadow:4px 4px 4px  
4px #3C5979 }
```

Background

The CSS property to change the background color of an element to Hex 3C5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5979 }
```

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

```
.background{ background-color:#3C5979 }
```

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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