

Converting Colors

Hex(3C5777)

Have a look what the booklet for
Hex(3C5777) contains.

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Color

Hex(3C5777)

Conversions

Conversions Part 1

Format	Color
Hex	3C5777
RGB	60, 87, 119
RGB Percent	24%, 34%, 47%
CMY	0.7647, 0.6588, 0.5333
CMYK	0.50, 0.27, 0.00, 0.53
HSL	213°, 33%, 35%
HSV	213°, 50%, 47%
XYZ	8.6014, 9.1090, 18.7576
YIQ	82.5750, -26.3640, 4.2280

Conversions

Conversions Part 2

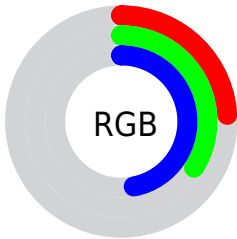
Format	Color
RYB	60, 79, 119
Decimal	3954551
CIELab	36.19, -0.49, -21.30
CIElCh	36, 21.302, 268.684
Yxy	9.1090, 0.2359, 0.2498
Android (android.graphics.Color)	4282144631 (0xFF3C5777)
YUV	82.5750, 17.9575, -19.7983
Hunter-Lab	30.1811, -1.9452, -15.7222

Details

The Hex color **3C5777** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **775C3C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6F89AB**, and **052A46** is the 20% darker color. If you saturate the color by 10%, you get **305177**, and if you desaturate by 10%, it is **485D77**.

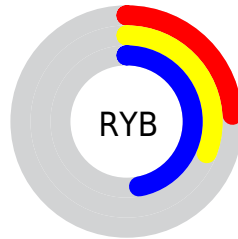
Distribution



Red (24%)

Green (34%)

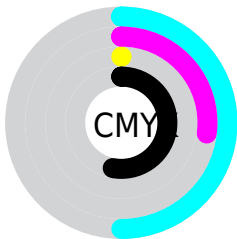
Blue (47%)



Red (24%)

Yellow (31%)

Blue (47%)

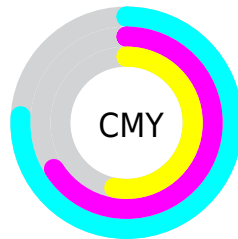


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (66%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5777 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 3C5777 by changing the saturation by 10% instead.

■ 3C5777

■ 3C5777

FFFFFF

■ 23405E

■ 6F89AB

■ 052A46

■ 89A3C7

■ 001630

■ A4BEE3

■ 00011B

■ C0DAFF

■ 000000

■ DCF6FF

■ F9FFFF

■ 3C5777

■ 3C5777

■ 305177

■ 485D77

■ 244A77

■ 546477

■ 184477

■ 606A77

■ 0C3D77

■ 6C7177

■ 003777

■ 777777

■ 003677

■ 837E77

■ 8F8477

■ 9B8B77

■ A79177

Harmonies

Analogous

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



215C72



3C5777



565173

Triad

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



3C5777



764946



3C5D43

Complementary

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



3C5777



775C3C

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.



505937



3C5777



6F4E38

Square

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



3C5777



754857



615433



265E54

Rectangle

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



3C5777



644D6C



615433



425C3E

Sweetspot

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



3C5777



848F9C



3C775B



41474F



CFCFCF



4F4F4F

Same Dimension

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



3C5777



406A9C



3E3C77



35373B



00387A



0072FA

Inverse Universe

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



773C57



9C406A



75773C



3B3537



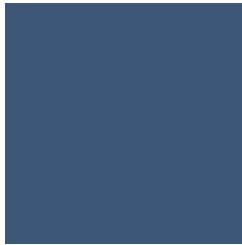
7A0038



FA0072

Previews

White Background



This preview shows how the Hex color 3C5777 looks on a white background.

Color Contrast Check

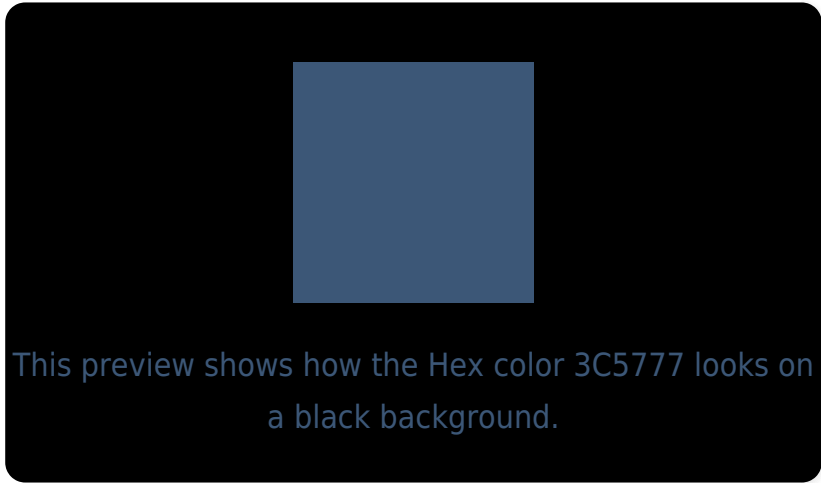
Large Text (above 18pt) WCAG AA ✓ Pass

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

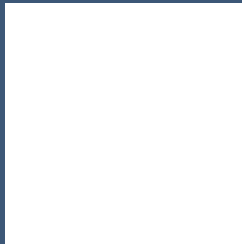
Any Text WCAG AAA × Fail

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

Hex 3C5777 Background



This preview shows how black text looks on a background with the Hex color 3C5777.

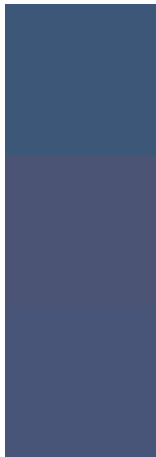


This preview shows how white text looks on a background with the Hex color 3C5777.

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
3C5777

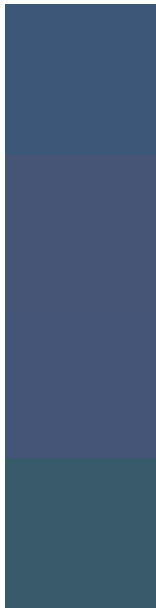
Protanopia
4B5474

Deuteranopia
485478



Tritanopia
355B62

Trichromacy



Original Color
3C5777

Protanomaly
465575

Deuteranomaly
445578

Tritanomaly
385A6A

Monochromacy



Original Color
3C5777

Achromatopsia
535353

Achromatomaly
4B5460

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5777 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 #3C5777 looks like.

```
.text, #text, p{  
    color:#3C5777  
}
```

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 #3C5777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5777  
}
```

Border

The CSS property to change the border of an element to Hex 3C5777 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  
#3C5777 }
```

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

```
.border{ border-color:#3C5777 }
```

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

Here you see how a box with a 4 pixel #3C5777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5777; -webkit-box-shadow:4px 4px  
4px 4px #3C5777; box-shadow:4px 4px 4px  
4px #3C5777 }
```

Background

The CSS property to change the background color of an element to Hex 3C5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5777 }
```

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

```
.background{ background-color:#3C5777 }
```

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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