

Converting Colors

Hex(3C6879)

Have a look what the booklet for
Hex(3C6879) contains.

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Color

Hex(3C6879)

Conversions

Conversions Part 1

Format	Color
Hex	3C6879
RGB	60, 104, 121
RGB Percent	24%, 41%, 47%
CMY	0.7647, 0.5922, 0.5255
CMYK	0.50, 0.14, 0.00, 0.53
HSL	197°, 34%, 35%
HSV	197°, 50%, 47%
XYZ	10.2650, 12.2418, 19.9110
YIQ	92.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

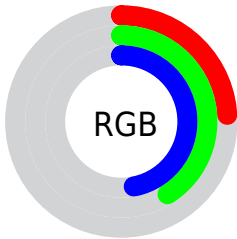
Format	Color
R _{YB}	60, 86, 121
Decimal	3958905
CIE Lab	41.60, -10.16, -14.21
CIE LCh	42, 17.470, 234.451
Yxy	12.2418, 0.2420, 0.2886
Android (android.graphics.Color)	4282148985 (0xFF3C6879)
YUV	92.7820, 13.9115, -28.7498
Hunter-Lab	34.9882, -8.8604, -9.2489

Details

The Hex color **3C6879** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **794D3C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6F9BAD**, and **023948** is the 20% darker color. If you saturate the color by 10%, you get **306579**, and if you desaturate by 10%, it is **486B79**.

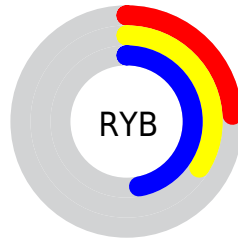
Distribution



Red (24%)

Green (41%)

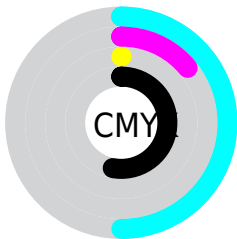
Blue (47%)



Red (24%)

Yellow (34%)

Blue (47%)

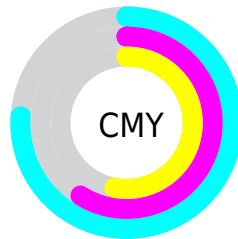


Cyan (50%)

Magenta (14%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6879 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 3C6879 by changing the saturation by 10% instead.



3C6879



3C6879

FFFFFF



225060



6F9BAD



023948



8AB6C9



002332



A5D2E5



000C1D



C1EEFF



000000



DDFFFF



FAFFFF



3C6879



3C6879



306579



486B79

■ 246179

■ 546F79

■ 185E79

■ 607279

■ 0C5B79

■ 6C7579

■ 005779

■ 787979

■ 857C79

■ 918079

■ 9D8379

■ A98679

Harmonies

Analogous

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



386A6D



3C6879



4D647E

Triad

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



3C6879



7D5865



606548

Complementary

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



3C6879



794D3C

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.



6F6046



3C6879



7F5857

Square

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



3C6879



725B73



7A5C4B



506851

Rectangle

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



3C6879



5A617E



7A5C4B



656346

Sweetspot

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



3C6879



86979E



3C794C



414B4F



CFCFCF



4F4F4F

Same Dimension

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



3C6879



3F849E



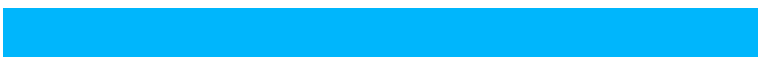
3C4A79



373B3D



005A7D



00B6FC

Inverse Universe

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



793C68



9E3F84



796B3C



3D373B



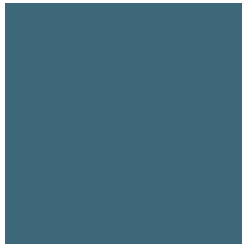
7D005A



FC00B6

Previews

White Background



This preview shows how the Hex color 3C6879 looks on a white background.

Color Contrast Check

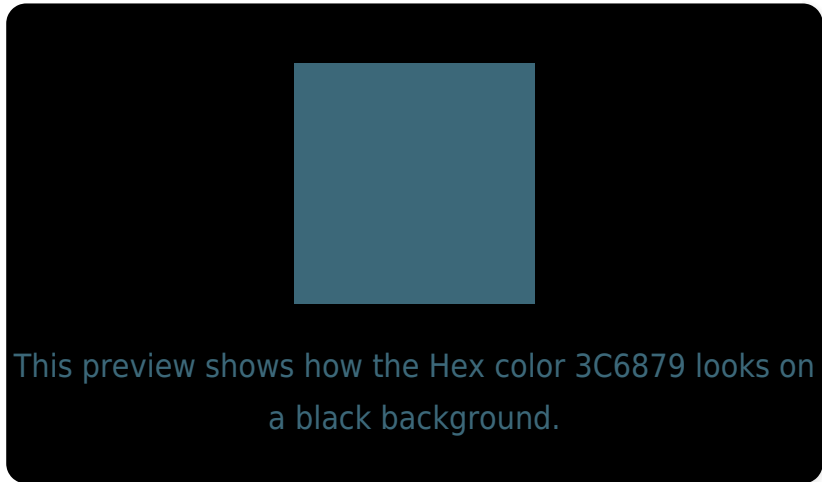
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

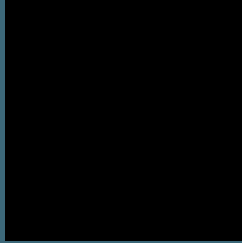
Any Text WCAG AA × Fail

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 3C6879 Background



This preview shows how black text looks on a background with the Hex color 3C6879.



This preview shows how white text looks on a background with the Hex color 3C6879.

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
3C6879

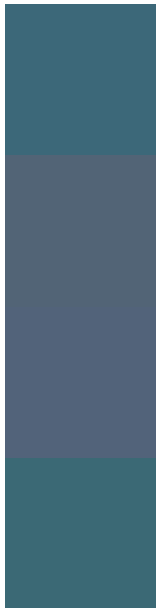
Protanopia
5E6174

Deuteranopia
5E607B



Tritanopia
3A6972

Trichromacy



Original Color
3C6879

Protanomaly
526476

Deuteranomaly
52637A

Tritanomaly
3B6975

Monochromacy



Original Color
3C6879

Achromatopsia
5D5D5D

Achromatomaly
516167

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6879 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 #3C6879 looks like.

```
.text, #text, p{  
    color:#3C6879  
}
```

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 #3C6879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6879
}
```

Border

The CSS property to change the border of an element to Hex 3C6879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

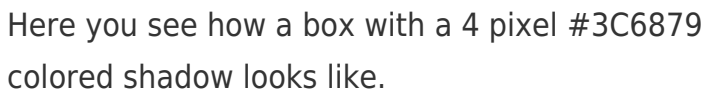
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C6879 }
```

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

```
.border{ border-color:#3C6879 }
```

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



Here you see how a box with a 4 pixel #3C6879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6879; -webkit-box-shadow:4px 4px  
4px 4px #3C6879; box-shadow:4px 4px 4px  
4px #3C6879 }
```

Background

The CSS property to change the background color of an element to Hex 3C6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6879 }
```

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

```
.background{ background-color:#3C6879 }
```

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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