

Converting Colors

Hex(3C6984)

Have a look what the booklet for
Hex(3C6984) contains.

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Color

Hex(3C6984)

Conversions

Conversions Part 1

Format	Color
Hex	3C6984
RGB	60, 105, 132
RGB Percent	24%, 41%, 52%
CMY	0.7647, 0.5882, 0.4824
CMYK	0.55, 0.20, 0.00, 0.48
HSL	202°, 38%, 38%
HSV	202°, 55%, 52%
XYZ	11.0799, 12.7298, 23.7029
YIQ	94.6230, -35.4870, -1.1430

Conversions

Conversions Part 2

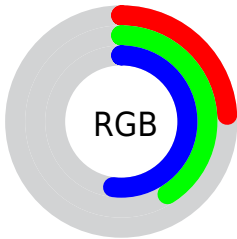
Format	Color
R _Y B	60, 88, 132
Decimal	3959172
CIE Lab	42.35, -7.27, -19.70
CIE LCh	42, 21.002, 249.743
Yxy	12.7298, 0.2332, 0.2679
Android (android.graphics.Color)	4282149252 (0xFF3C6984)
YUV	94.6230, 18.4269, -30.3644
Hunter-Lab	35.6788, -7.0054, -14.4137

Details

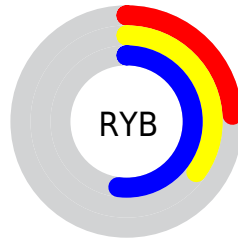
The Hex color **3C6984** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **84573C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **719CB9**, and **003A52** is the 20% darker color. If you saturate the color by 10%, you get **2F6484**, and if you desaturate by 10%, it is **496E84**.

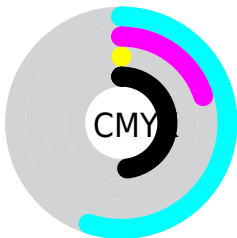
Distribution



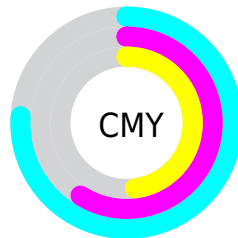
- Red (24%)
- Green (41%)
- Blue (52%)



- Red (24%)
- Yellow (35%)
- Blue (52%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (76%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6984 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 3C6984 by changing the saturation by 10% instead.



3C6984



3C6984

FFFFFF



21516B



719CB9



003A52



8BB7D5



00243B



A7D3F1



000F26



C3EFFF



00010F



DFFFFFF



000000

FDFFFF



3C6984



3C6984



2F6484



496E84

■ 225F84

■ 567384

■ 145A84

■ 647884

■ 075584

■ 717D84

■ 005384

■ 7E8284

■ 8B8784

■ 988C84

■ A69184

■ B39684

Harmonies

Analogous

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



2C6C79



3C6984



566486

Triad

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



3C6984



86575F



576A49

Complementary

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



3C6984



84573C

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.



6A6542



3C6984



845A4F

Square

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



3C6984



7F5970



7A5F44



436D57

Rectangle

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



3C6984



666082



7A5F44



5E6846

Sweetspot

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



3C6984



90A1AB



3C8456



465157



D6D6D6



575757

Same Dimension

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



3C6984



3C81AB



3C4684



3C4042



005182



000203

Inverse Universe

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



843C69



AB3C81



847A3C



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 3C6984 looks on a white background.

Color Contrast Check

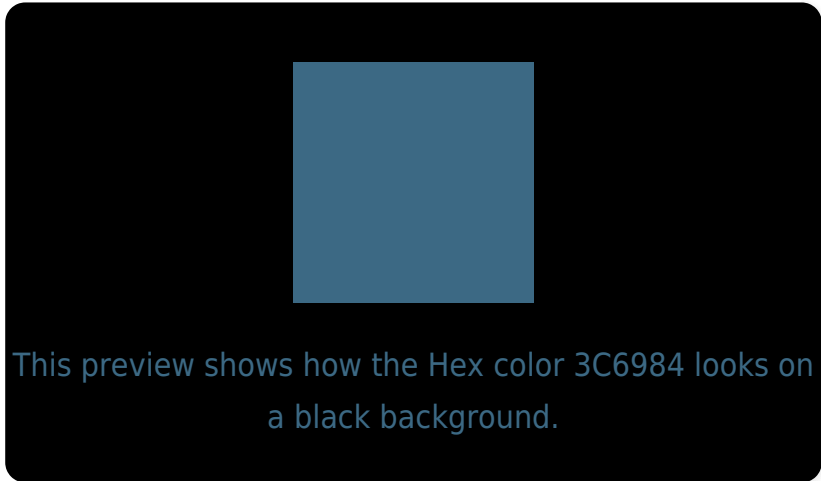
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C6984 Background



This preview shows how black text looks on a background with the Hex color 3C6984.

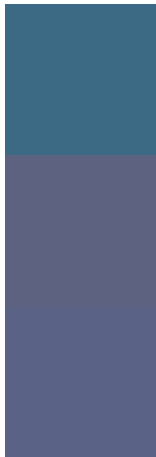


This preview shows how white text looks on a background with the Hex color 3C6984.

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
3C6984

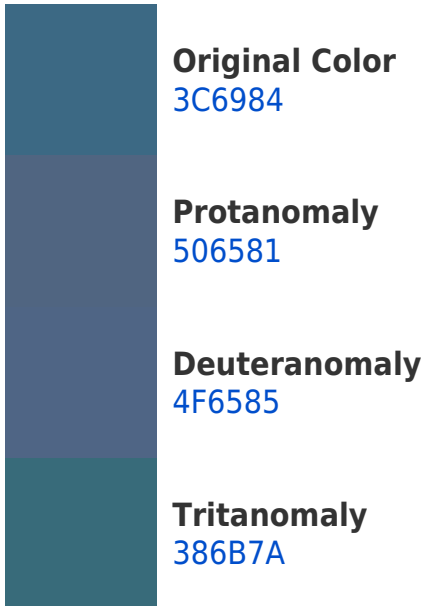
Protanopia
5C627F

Deuteranopia
5A6286



Tritanopia
366C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6984 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 #3C6984 looks like.

```
.text, #text, p{  
    color:#3C6984  
}
```

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 #3C6984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6984
}
```

Border

The CSS property to change the border of an element to Hex 3C6984 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
#3C6984 }
```

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

```
.border{ border-color:#3C6984 }
```

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

Here you see how a box with a 4 pixel #3C6984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6984; -webkit-box-shadow:4px 4px  
4px 4px #3C6984; box-shadow:4px 4px 4px  
4px #3C6984 }
```

Background

The CSS property to change the background color of an element to Hex 3C6984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6984 }
```

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

```
.background{ background-color:#3C6984 }
```

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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