

Converting Colors

Hex(3C576F)

Have a look what the booklet for
Hex(3C576F) contains.

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Color

Hex(3C576F)

Conversions

Conversions Part 1	
Format	Color
Hex	3C576F
RGB	60, 87, 111
RGB Percent	24%, 34%, 44%
CMY	0.7647, 0.6588, 0.5647
CMYK	0.46, 0.22, 0.00, 0.56
HSL	208°, 30%, 34%
HSV	208°, 46%, 44%
XYZ	8.1409, 8.9247, 16.3325
YIQ	81.6630, -23.7960, 1.7400

Conversions

Conversions Part 2

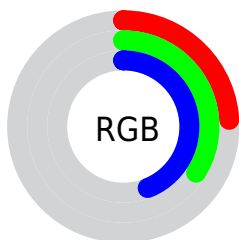
Format	Color
RYB	60, 78, 111
Decimal	3954543
CIELab	35.84, -3.04, -16.89
CIELCh	36, 17.160, 259.788
Yxy	8.9247, 0.2438, 0.2672
Android (android.graphics.Color)	4282144623 (0xFF3C576F)
YUV	81.6630, 14.4631, -18.9985
Hunter-Lab	29.8743, -3.6378, -11.5022

Details

The Hex color **3C576F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6F543C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6E89A3**, and **092A3F** is the 20% darker color. If you saturate the color by 10%, you get **31526F**, and if you desaturate by 10%, it is **475C6F**.

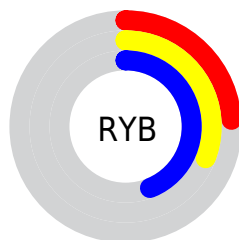
Distribution



Red (24%)

Green (34%)

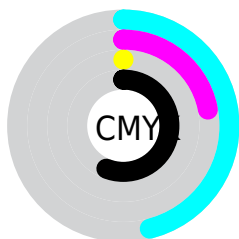
Blue (44%)



Red (24%)

Yellow (31%)

Blue (44%)

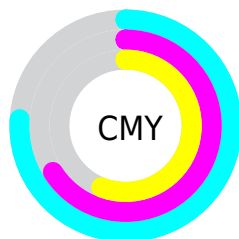


Cyan (46%)

Magenta (22%)

Yellow (0%)

Black (56%)



Cyan (76%)

Magenta (66%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C576F 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 3C576F by changing the saturation by 10% instead.

 3C576F

 3C576F

FFFFFF

 244057

 6E89A3

 092A3F

 88A3BE

 001629

 A3BEDA

 000114

 BEDAF6


 000000

 DBF6FF

 F7FFFF

 3C576F

 3C576F

 31526F

 475C6F

 264D6F

 52616F

 1B476F

 5D676F

 10426F

 686C6F

 043D6F

 74716F

 003B6F

 7F766F

 8A7C6F

 95816F

 A0866F

Harmonies

Analogous

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



2D5A69



3C576F



50526E

Triad

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



3C576F



704A4C



455A42

Complementary

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



3C576F



6F543C

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.



55563A



3C576F



6C4D40

Square

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



3C576F



6C4B5A



625239



365C4F

Rectangle

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



3C576F



5C4F69



625239



4A593F

Sweetspot

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



3C576F



7D8891



3C6F54



3D444A



C9C9C9



4A4A4A

Same Dimension

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



3C576F



416C91



3C3E6F



323538



003F78



0083F7

Inverse Universe

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



6F3C57



91416C



6F6D3C



383235



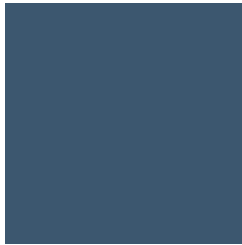
78003F



F70083

Previews

White Background



This preview shows how the Hex color 3C576F 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



This preview shows how the Hex color 3C576F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

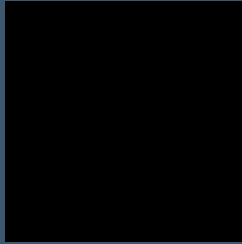
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

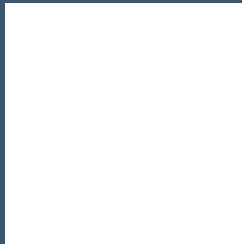
Any Text WCAG AAA × Fail

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

Hex 3C576F Background



This preview shows how black text looks on a background with the Hex color 3C576F.



This preview shows how white text looks on a background with the Hex color 3C576F.

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
3C576F

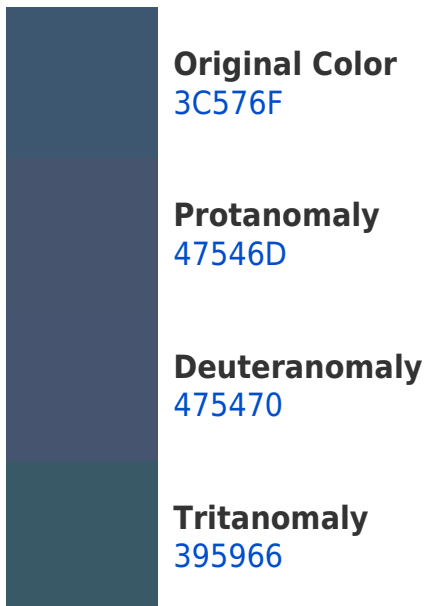
Protanopia
4E536C

Deuteranopia
4D5370

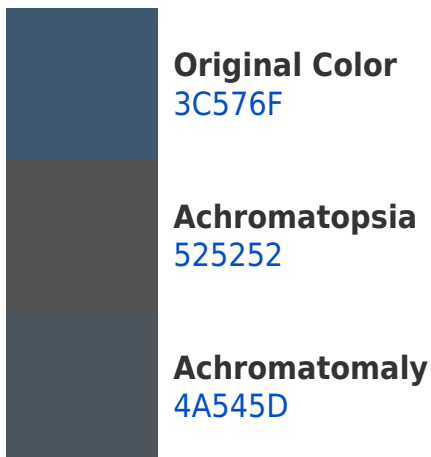


Tritanopia
385A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C576F 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 #3C576F looks like.

```
.text, #text, p{  
    color:#3C576F  
}
```

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 #3C576F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C576F
}
```

Border

The CSS property to change the border of an element to Hex 3C576F 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
#3C576F }
```

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

```
.border{ border-color:#3C576F }
```

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

Here you see how a box with a 4 pixel #3C576F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C576F; -webkit-box-shadow:4px 4px  
4px 4px #3C576F; box-shadow:4px 4px 4px  
4px #3C576F }
```

Background

The CSS property to change the background color of an element to Hex 3C576F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C576F }
```

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

```
.background{ background-color:#3C576F }
```

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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