

Converting Colors

Hex(3D596C)

Have a look what the booklet for
Hex(3D596C) contains.

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Color

Hex(3D596C)

Conversions

Conversions Part 1

Format	Color
Hex	3D596C
RGB	61, 89, 108
RGB Percent	24%, 35%, 42%
CMY	0.7608, 0.6510, 0.5765
CMYK	0.44, 0.18, 0.00, 0.58
HSL	204°, 28%, 33%
HSV	204°, 44%, 42%
XYZ	8.2036, 9.2196, 15.5345
YIQ	82.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

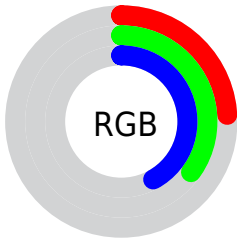
Format	Color
RYB	61, 79, 108
Decimal	4020588
CIELab	36.40, -4.91, -14.16
CIELCh	36, 14.983, 250.864
Yxy	9.2196, 0.2489, 0.2797
Android (android.graphics.Color)	4282210668 (0xFF3D596C)
YUV	82.7940, 12.4266, -19.1133
Hunter-Lab	30.3637, -4.9097, -9.0790

Details

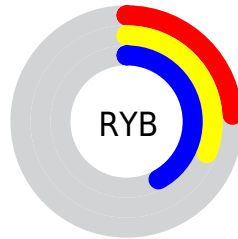
The Hex color **3D596C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C503D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6F8B9F**, and **0B2C3D** is the 20% darker color. If you saturate the color by 10%, you get **32556C**, and if you desaturate by 10%, it is **485D6C**.

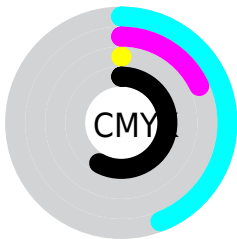
Distribution



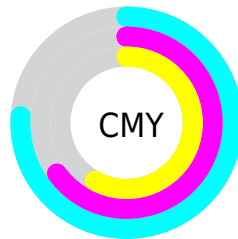
- Red (24%)
- Green (35%)
- Blue (42%)



- Red (24%)
- Yellow (31%)
- Blue (42%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D596C 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 3D596C by changing the saturation by 10% instead.



3D596C



3D596C

FFFFFF



254254



6F8B9F



0B2C3D



89A5BA



001727



A4C0D6



000112



BFDCF3



000000



DBF9FF



F8FFFF



3D596C



3D596C



32556C



485D6C

■ 27506C

■ 53626C

■ 1D4C6C

■ 5D666C

■ 12486C

■ 686A6C

■ 07436C

■ 736F6C

■ 00406C

■ 7E736C

■ 89786C

■ 937C6C

■ 9E806C

Harmonies

Analogous

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



335C65



3D596C



4D556D

Triad

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



3D596C



6E4D52



4D5A43

Complementary

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



3D596C



6C503D

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.



5A563E



3D596C



6D4F46

Square

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



3D596C



694E5E



65523F



3F5C4D

Rectangle

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



3D596C



58526A



65523F



515941

Sweetspot

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



3D596C



7A858C



3D6C50



3C4347



C7C7C7



474747

Same Dimension

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



3D596C



436F8C



3D426C



303336



004675



0092F5

Inverse Universe

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



6C3D59



8C436F



6C673D



363033



750046



F50092

Previews

White Background



This preview shows how the Hex color 3D596C looks on a white background.

Color Contrast Check

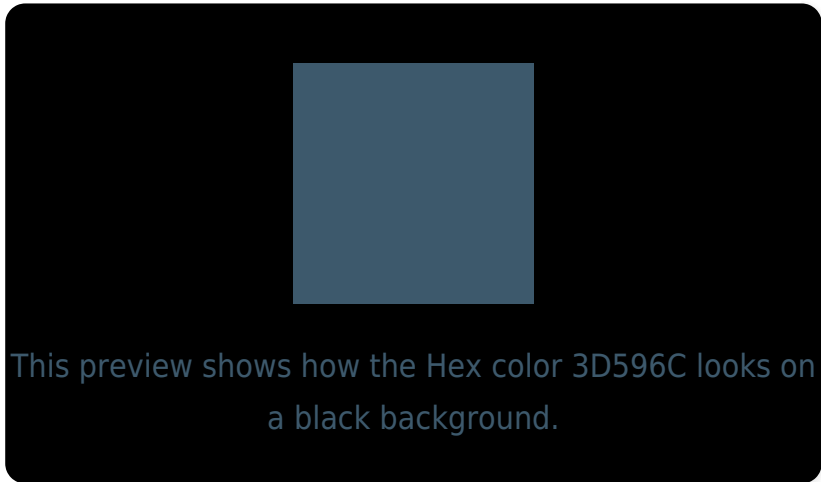
Large Text (above 18pt) WCAG AA ✓ Pass

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

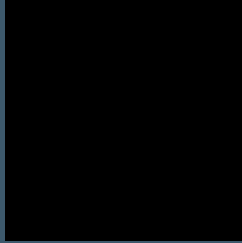
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

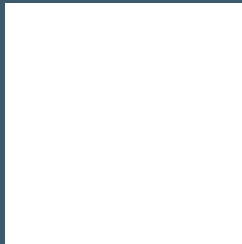
Any Text WCAG AAA × Fail

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

Hex 3D596C Background



This preview shows how black text looks on a background with the Hex color 3D596C.

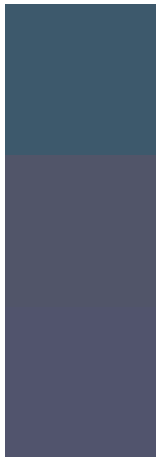


This preview shows how white text looks on a background with the Hex color 3D596C.

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
3D596C

Protanopia
515569

Deuteranopia
51546D



Tritanopia
3A5B62

Trichromacy



Original Color
3D596C

Protanomaly
4A566A

Deuteranomaly
4A566D

Tritanomaly
3B5A66

Monochromacy



Original Color
3D596C

Achromatopsia
535353

Achromatomaly
4B555C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D596C 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 #3D596C looks like.

```
.text, #text, p{  
    color:#3D596C  
}
```

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 #3D596C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D596C
}
```

Border

The CSS property to change the border of an element to Hex 3D596C 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
#3D596C }
```

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

```
.border{ border-color:#3D596C }
```

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

Here you see how a box with a 4 pixel #3D596C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D596C; -webkit-box-shadow:4px 4px  
4px 4px #3D596C; box-shadow:4px 4px 4px  
4px #3D596C }
```

Background

The CSS property to change the background color of an element to Hex 3D596C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D596C }
```

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

```
.background{ background-color:#3D596C }
```

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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