

Converting Colors

Hex(40636F)

Have a look what the booklet for
Hex(40636F) contains.

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Color

Hex(40636F)

Conversions

Conversions Part 1

Format	Color
Hex	40636F
RGB	64, 99, 111
RGB Percent	25%, 39%, 44%
CMY	0.7490, 0.6118, 0.5647
CMYK	0.42, 0.11, 0.00, 0.56
HSL	195°, 27%, 34%
HSV	195°, 42%, 44%
XYZ	9.4454, 11.1614, 16.6955
YIQ	89.9030, -24.7120, -3.6880

Conversions

Conversions Part 2

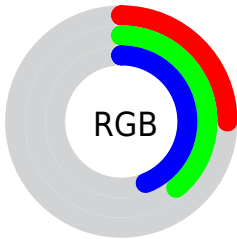
Format	Color
R_{YB}	64, 84, 111
Decimal	4219759
CIE _{Lab}	39.85, -9.14, -10.75
CIE _{LCh}	40, 14.113, 229.633
Yxy	11.1614, 0.2532, 0.2992
Android (android.graphics.Color)	4282409839 (0xFF40636F)
YUV	89.9030, 10.4008, -22.7169
Hunter-Lab	33.4086, -7.9988, -6.2432

Details

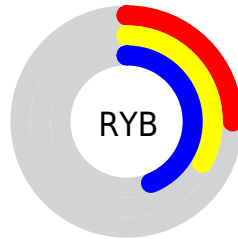
The Hex color **40636F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4C40**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7296A3**, and **0E343F** is the 20% darker color. If you saturate the color by 10%, you get **35606F**, and if you desaturate by 10%, it is **4B666F**.

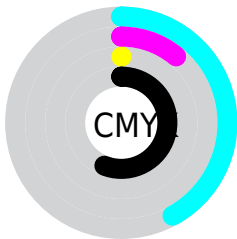
Distribution



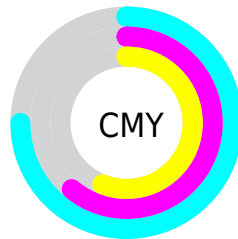
- Red (25%)
- Green (39%)
- Blue (44%)



- Red (25%)
- Yellow (33%)
- Blue (44%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40636F 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 40636F by changing the saturation by 10% instead.



40636F



40636F

FFFFFF



284B57



7296A3



0E343F



8CB0BE



001F29



A7CCD9



000115



C3E8F6



000000



DFFFFFF



FCFFFF



40636F



40636F



35606F



4B666F

■ 2A5D6F

■ 56696F

■ 1F5A6F

■ 616C6F

■ 14586F

■ 6C6E6F

■ 09556F

■ 78716F

■ 00536F

■ 83746F

■ 8E776F

■ 997A6F

■ A47D6F

Harmonies

Analogous

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



3E6465



40636F



4B6074

Triad

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



40636F



725662



5F6048

Complementary

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



40636F



6F4C40

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.



6A5C47



40636F



765657

Square

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



40636F



69596D



73584D



51634F

Rectangle

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



40636F



555E74



73584D



635E47

Sweetspot

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



40636F



7E8D91



406F4C



3E474A



C9C9C9



4A4A4A

Same Dimension

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



40636F



477E91



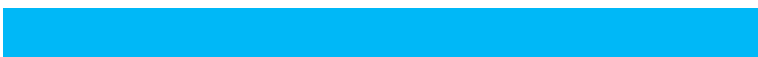
404C6F



323738



005978



00B8F7

Inverse Universe

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



6F4063



91477E



6F6340



383237



780059



F700B8

Previews

White Background



This preview shows how the Hex color 40636F 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

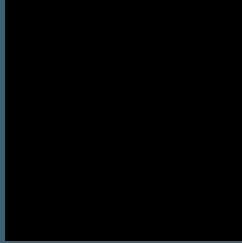
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

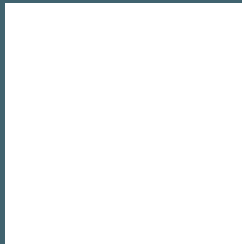
Any Text WCAG AAA × Fail

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

Hex 40636F Background



This preview shows how black text looks on a background with the Hex color 40636F.

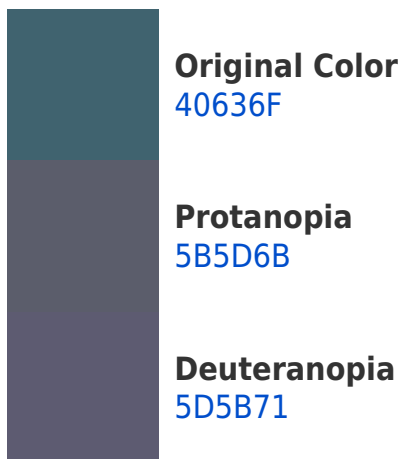



This preview shows how white text looks on a background with the Hex color 40636F.

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](#).

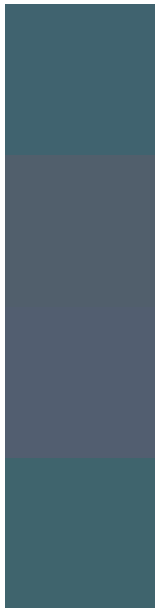
Dichromacy





Tritanopia
3F646C

Trichromacy



Original Color
40636F

Protanomaly
515F6C

Deuteranomaly
525E70

Tritanomaly
3F646D

Monochromacy



Original Color
40636F

Achromatopsia
5A5A5A

Achromatomaly
515D62

CSS Examples

Text

The CSS property to change the color of the text to Hex 40636F 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 #40636F looks like.

```
.text, #text, p{  
    color:#40636F  
}
```

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 #40636F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40636F
}
```

Border

The CSS property to change the border of an element to Hex 40636F 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
#40636F }
```

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

```
.border{ border-color:#40636F }
```

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

Here you see how a box with a 4 pixel #40636F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40636F; -webkit-box-shadow:4px 4px  
4px 4px #40636F; box-shadow:4px 4px 4px  
4px #40636F }
```

Background

The CSS property to change the background color of an element to Hex 40636F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40636F }
```

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

```
.background{ background-color:#40636F }
```

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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