

Converting Colors

Hex(406F76)

Have a look what the booklet for
Hex(406F76) contains.

Hex(406F76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(406F76)

Conversions

Conversions Part 1

Format	Color
Hex	406F76
RGB	64, 111, 118
RGB Percent	25%, 44%, 46%
CMY	0.7490, 0.5647, 0.5373
CMYK	0.46, 0.06, 0.00, 0.54
HSL	188°, 30%, 36%
HSV	188°, 46%, 46%
XYZ	11.0688, 13.7669, 19.2134
YIQ	97.7450, -30.2590, -7.7870

Conversions

Conversions Part 2

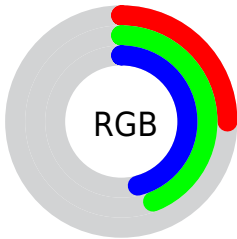
Format	Color
RYB	64, 89, 118
Decimal	4222838
CIELab	43.90, -14.01, -8.91
CIELCh	44, 16.600, 212.458
Yxy	13.7669, 0.2513, 0.3125
Android (android.graphics.Color)	4282412918 (0xFF406F76)
YUV	97.7450, 9.9857, -29.5944
Hunter-Lab	37.1037, -11.6813, -4.7295

Details


The Hex color **406F76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764740**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **73A3AA**, and **093F46** is the 20% darker color. If you saturate the color by 10%, you get **346D76**, and if you desaturate by 10%, it is **4C7176**.

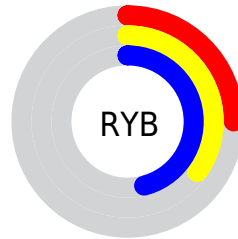
Distribution



 Red (25%)

 Green (44%)

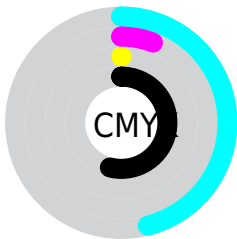
 Blue (46%)





 Red (25%)

 Yellow (35%)

 Blue (46%)

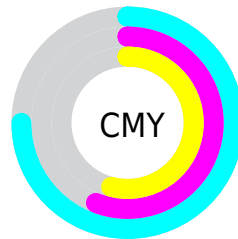



 Cyan (46%)

 Magenta (6%)

 Yellow (0%)

 Black (54%)



 Cyan (75%)

 Magenta (56%)

 Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406F76 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 406F76 by changing the saturation by 10% instead.



406F76



406F76

FFFFFF



27575D



73A3AA



093F46



8EBEC5



00292F



A9DAE1



00161B



C5F6FE



000000



E1FFFF

FEFFFF



406F76



406F76



346D76



4C7176

■ 286C76

■ 587276

■ 1D6A76

■ 637476

■ 116976

■ 6F7576

■ 056776

■ 7B7776

■ 006776

■ 877876

■ 937A76

■ 9E7B76

■ AA7D76

Harmonies

Analogous

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



457068



406F76



486D80

Triad

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



406F76



7B6075



71674C

Complementary

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



406F76



764740

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.



7D6350



406F76



835E67

Square

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



406F76



6B647F



835F5A



626B50

Rectangle

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



406F76



526A83



835F5A



75664D

Sweetspot

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



406F76



849699



407646



3F4B4D



CCCCCC



4D4D4D

Same Dimension

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



406F76



458E99



405576



353A3B



006B7A



00DAFA

Inverse Universe

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



76406F



99458E



766140



3B353A



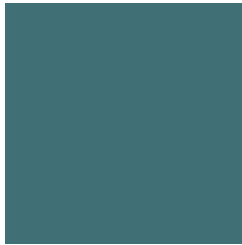
7A006B



FA00DA

Previews

White Background



This preview shows how the Hex color 406F76 looks on a white background.

Color Contrast Check

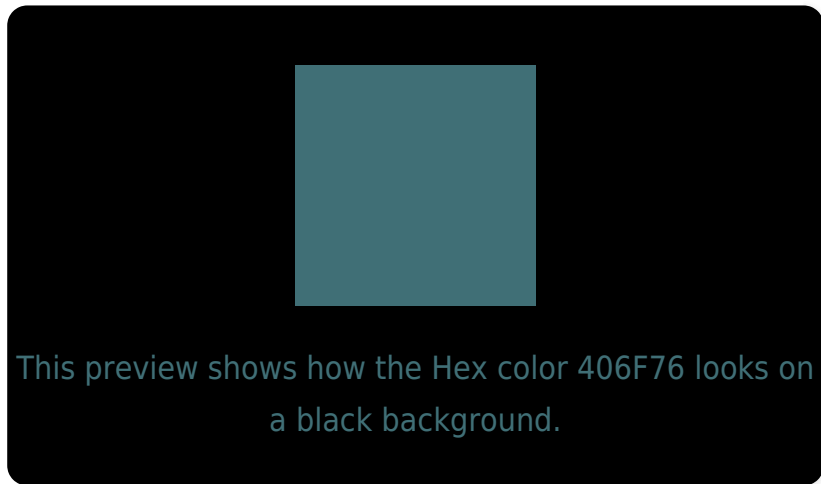
Large Text (above 18pt) WCAG AA ✓ Pass

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

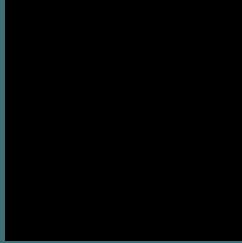
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

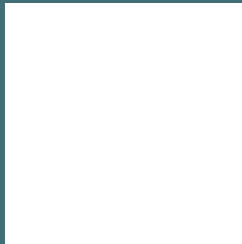
Any Text WCAG AAA × Fail

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

Hex 406F76 Background



This preview shows how black text looks on a background with the Hex color 406F76.

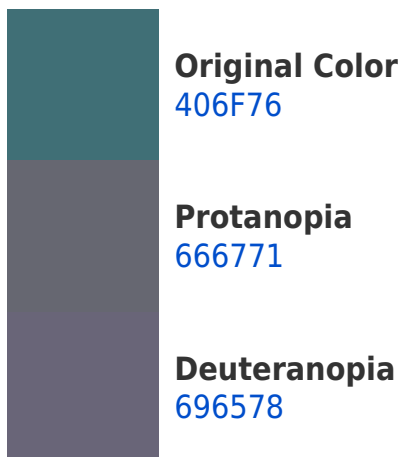



This preview shows how white text looks on a background with the Hex color 406F76.

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](#).

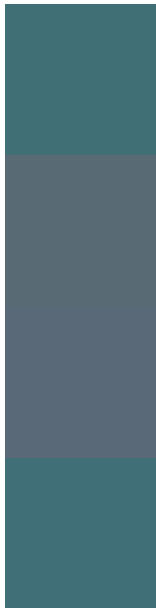
Dichromacy





Tritanopia
416F78

Trichromacy



Original Color
406F76

Protanomaly
586A73

Deuteranomaly
5A6977

Tritanomaly
416F77

Monochromacy



Original Color
406F76

Achromatopsia
626262

Achromatomaly
566769

CSS Examples

Text

The CSS property to change the color of the text to Hex 406F76 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 #406F76 looks like.

```
.text, #text, p{  
    color:#406F76  
}
```

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 #406F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406F76
}
```

Border

The CSS property to change the border of an element to Hex 406F76 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
#406F76 }
```

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

```
.border{ border-color:#406F76 }
```

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

Here you see how a box with a 4 pixel #406F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406F76; -webkit-box-shadow:4px 4px  
4px 4px #406F76; box-shadow:4px 4px 4px  
4px #406F76 }
```

Background

The CSS property to change the background color of an element to Hex 406F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406F76 }
```

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

```
.background{ background-color:#406F76 }
```

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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