

# Converting Colors

Hex(366B6F)

Have a look what the booklet for  
Hex(366B6F) contains.

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# Color

**Hex(366B6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	366B6F
RGB	54, 107, 111
RGB Percent	21%, 42%, 44%
CMY	0.7882, 0.5804, 0.5647
CMYK	0.51, 0.04, 0.00, 0.56
HSL	184°, 35%, 32%
HSV	184°, 51%, 44%
XYZ	9.6483, 12.4474, 16.9330
YIQ	91.6090, -32.8720, -9.9920

# Conversions

## Conversions Part 2

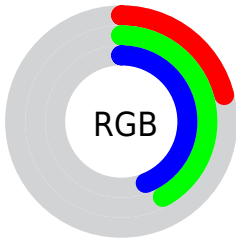
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 81, 111
Decimal	3566447
CIELab	41.92, -16.41, -7.69
CIElCh	42, 18.121, 205.123
Yxy	12.4474, 0.2472, 0.3189
Android (android.graphics.Color)	4281756527 (0xFF366B6F)
YUV	91.6090, 9.5598, -32.9831
Hunter-Lab	35.2808, -12.9269, -3.7596




# Details

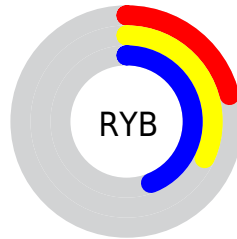
The Hex color **366B6F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F3A36**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **6A9FA3**, and **003B3F** is the 20% darker color. If you saturate the color by 10%, you get **2B6A6F**, and if you desaturate by 10%, it is **416C6F**.

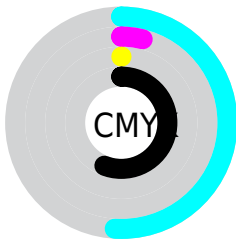
# Distribution







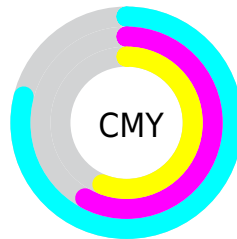
-  Red (21%)
-  Green (42%)
-  Blue (44%)






-  Red (21%)
-  Yellow (32%)
-  Blue (44%)



-  Cyan (51%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (79%)
-  Magenta (58%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 366B6F 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 366B6F by changing the saturation by 10% instead.



 366B6F

 366B6F

FFFFFF

 1B5357

 6A9FA3

 003B3F

 84BABE

 00252A

 9FD5D9

 000E15

 BBF2F6

 000000

 D7FFFF

 F4FFFF

 366B6F

 366B6F

 2B6A6F

 416C6F

■ 20696F

■ 4C6D6F

■ 15696F

■ 576D6F

■ 0A686F

■ 626E6F

■ 00676F

■ 6E6F6F

■ 79706F

■ 84706F

■ 8F716F

■ 9A726F

# Harmonies

## Analogous

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



3F6B60



366B6F



3B697B

# Triad

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



366B6F



745B74



706145

# Complementary

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



366B6F



6F3A36

# 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.



7C5C4B



366B6F



7F5866

# Square

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



366B6F



62607E



815957



606648

# Rectangle

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



366B6F



46677F



815957



745F46



# Sweetspot

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



366B6F



7C9091



366F3A



3D494A



C9C9C9



4A4A4A



# Same Dimension

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



366B6F



378B91



364F6F



323838



006F78



00E6F7



# Inverse Universe

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



6F366B



91378B



6F5636



383238



78006F

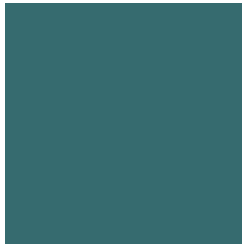


F700E6



# Previews

## White Background



This preview shows how the Hex color 366B6F looks on a white background.

## Color Contrast Check

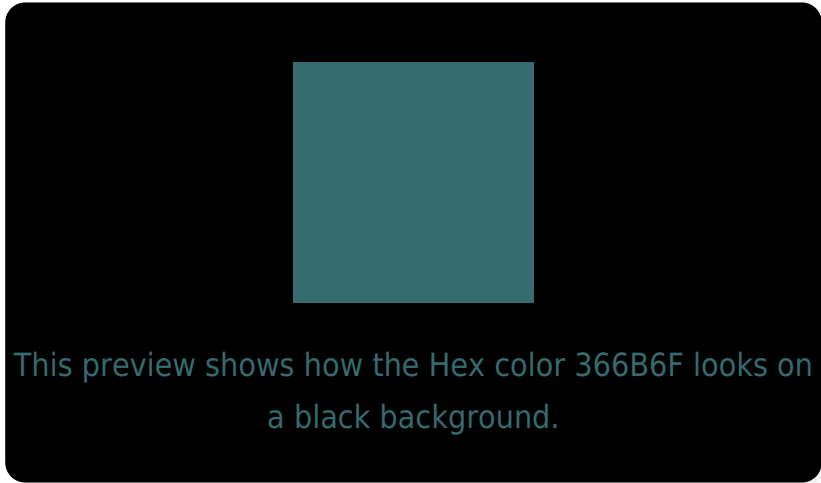
Large Text (above 18pt) WCAG AA ✓ Pass

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

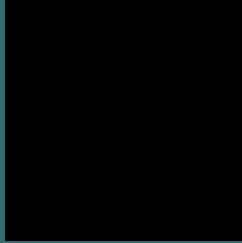
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 366B6F Background



This preview shows how black text looks on a background with the Hex color 366B6F.

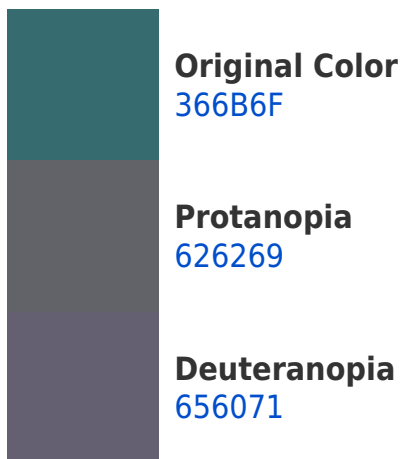


This preview shows how white text looks on a background with the Hex color 366B6F.

# 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](#).

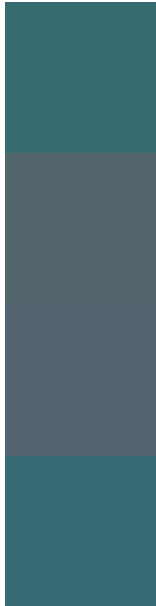
## Dichromacy





**Tritanopia**  
376A73

# Trichromacy



**Original Color**  
366B6F

**Protanomaly**  
52656B

**Deuteranomaly**  
546470

**Tritanomaly**  
376A72

# Monochromacy



**Original Color**  
366B6F

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
4E6163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 366B6F 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 #366B6F looks like.

```
.text, #text, p{  
    color:#366B6F  
}
```

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 #366B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366B6F
}
```

## Border

The CSS property to change the border of an element to Hex 366B6F 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
#366B6F }
```

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

```
.border{ border-color:#366B6F }
```

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

Here you see how a box with a 4 pixel #366B6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366B6F; -webkit-box-shadow:4px 4px  
4px 4px #366B6F; box-shadow:4px 4px 4px  
4px #366B6F }
```

# Background

The CSS property to change the background color of an element to Hex 366B6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366B6F }
```

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

```
.background{ background-color:#366B6F }
```

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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