

# Converting Colors

Hex(366C8E)

Have a look what the booklet for  
Hex(366C8E) contains.

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# Color

Hex(366C8E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	366C8E
RGB	54, 108, 142
RGB Percent	21%, 42%, 56%
CMY	0.7882, 0.5765, 0.4431
CMYK	0.62, 0.24, 0.00, 0.44
HSL	203°, 45%, 38%
HSV	203°, 62%, 56%
XYZ	11.7664, 13.4624, 27.5695
YIQ	95.7300, -43.0980, -0.8740

# Conversions

## Conversions Part 2

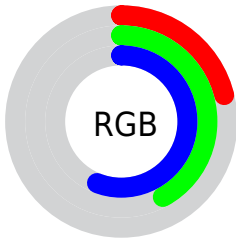
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 87, 142
Decimal	3566734
CIE <sub>Lab</sub>	43.45, -7.06, -24.02
CIE <sub>LCh</sub>	43, 25.042, 253.616
Yxy	13.4624, 0.2229, 0.2550
Android (android.graphics.Color)	4281756814 (0xFF366C8E)
YUV	95.7300, 22.8111, -36.5972
Hunter-Lab	36.6911, -6.9668, -18.8664

# Details

The Hex color **366C8E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E5836**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6D9FC4**, and **003D5C** is the 20% darker color. If you saturate the color by 10%, you get **28678E**, and if you desaturate by 10%, it is **44718E**.

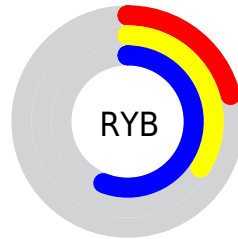
# Distribution



Red (21%)

Green (42%)

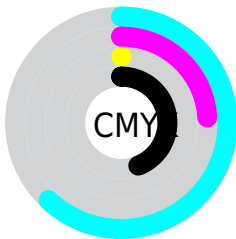
Blue (56%)



Red (21%)

Yellow (34%)

Blue (56%)

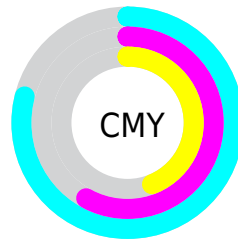


Cyan (62%)

Magenta (24%)

Yellow (0%)

Black (44%)



Cyan (79%)

Magenta (58%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 366C8E 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 366C8E by changing the saturation by 10% instead.



■ 366C8E

■ 366C8E

FFFFFF

■ 165474

■ 6D9FC4

■ 003D5C

■ 88BAE0

■ 002744

■ A4D6FD

■ 00132D

■ C0F2FF

■ 000118

■ DDFFFF

■ 000000

■ FAFFFF

■ 366C8E

■ 366C8E

■ 28678E

■ 44718E

■ 1A618E

■ 52778E

■ 0B5C8E

■ 617C8E

■ 00578E

■ 6F828E

■ 7D878E

■ 8B8D8E

■ 99928E

■ A8988E

■ B69D8E

# Harmonies

## Analogous

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



187083



366C8E



58658F

# Triad

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



366C8E



8F575E



546E48

# Complementary

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



366C8E



8E5836

# 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.



6B683E



366C8E



8B5B4B

# Square

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



366C8E



885873



7E613F



3A715A

# Rectangle

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



366C8E



6C6089



7E613F



5C6C43



# Sweetspot

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



366C8E



95AAB8



368E58



47545C



DBDBDB



5C5C5C



# Same Dimension

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



366C8E



3083B8



36408E



404547



005387



000508



# Inverse Universe

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



8E366C



B83083



8E8436



474045



870053



080005



# Previews

## White Background



This preview shows how the Hex color 366C8E looks on a white background.

## Color Contrast Check

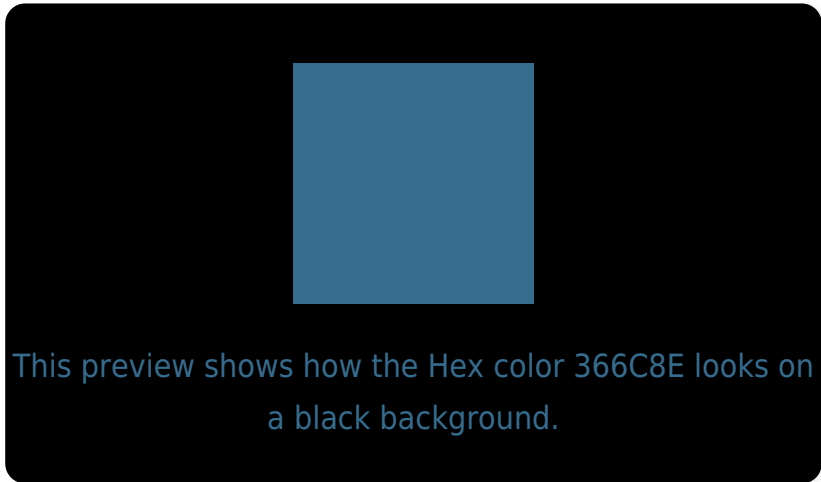
Large Text (above 18pt) WCAG AA ✓ Pass

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

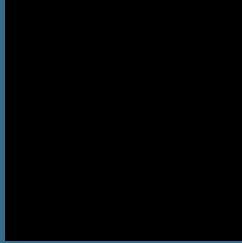
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 366C8E Background



This preview shows how black text looks on a background with the Hex color 366C8E.



This preview shows how white text looks on a background with the Hex color 366C8E.

# Color Blindness Simulation

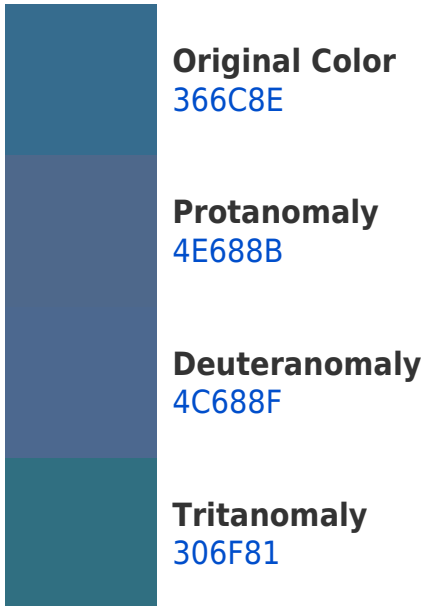
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 366C8E 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 #366C8E looks like.

```
.text, #text, p{  
    color:#366C8E  
}
```

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 #366C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #366C8E
}
```

## Border

The CSS property to change the border of an element to Hex 366C8E 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
#366C8E }
```

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

```
.border{ border-color:#366C8E }
```

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

Here you see how a box with a 4 pixel #366C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #366C8E; -webkit-box-shadow:4px 4px  
4px 4px #366C8E; box-shadow:4px 4px 4px  
4px #366C8E }
```

# Background

The CSS property to change the background color of an element to Hex 366C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#366C8E }
```

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

```
.background{ background-color:#366C8E }
```

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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