

Converting Colors

Hex(376A9E)

Have a look what the booklet for
Hex(376A9E) contains.

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Color

Hex(376A9E)

Conversions

Conversions Part 1

Format	Color
Hex	376A9E
RGB	55, 106, 158
RGB Percent	22%, 42%, 62%
CMY	0.7843, 0.5843, 0.3804
CMYK	0.65, 0.33, 0.00, 0.38
HSL	210°, 48%, 42%
HSV	210°, 65%, 62%
XYZ	12.9011, 13.5889, 34.2907
YIQ	96.6790, -47.0880, 5.3600

Conversions

Conversions Part 2

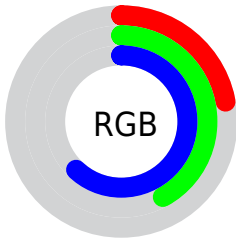
Format	Color
RYB	55, 89, 158
Decimal	3631774
CIELab	43.64, -0.10, -33.25
CIELCh	44, 33.249, 269.832
Yxy	13.5889, 0.2123, 0.2236
Android (android.graphics.Color)	4281821854 (0xFF376A9E)
YUV	96.6790, 30.2313, -36.5525
Hunter-Lab	36.8631, -2.0402, -29.3483

Details

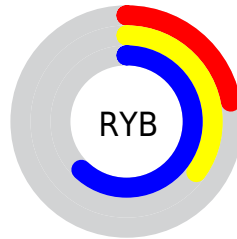
The Hex color **376A9E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E6B37**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **709DD5**, and **003B6A** is the 20% darker color. If you saturate the color by 10%, you get **27629E**, and if you desaturate by 10%, it is **47729E**.

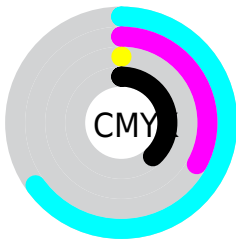
Distribution



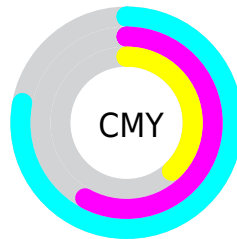
- Red (22%)
- Green (42%)
- Blue (62%)



- Red (22%)
- Yellow (35%)
- Blue (62%)



- Cyan (65%)
- Magenta (33%)
- Yellow (0%)
- Black (38%)



- Cyan (78%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 376A9E 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 376A9E by changing the saturation by 10% instead.

■ 376A9E

■ 376A9E

FFFFFF

■ 135284

■ 709DD5

■ 003B6A

■ 8CB8F1

■ 002652

■ A8D3FF

■ 00113A

■ C5F0FF

■ 000224

■ E2FFFF

■ 00000C

■ 000000

■ 376A9E

■ 376A9E

■ 27629E

■ 47729E

■ 175A9E

■ 577A9E

■ 08529E

■ 66829E

■ 004E9E

■ 768A9E

■ 86929E

■ 969A9E

■ A6A29E

■ B5AA9E

■ C5B29E

Harmonies

Analogous

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



007196



376A9E



696097

Triad

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



376A9E



9A534D



39734A

Complementary

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



376A9E



9E6B37

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.



5C6E36



376A9E



8E5C38

Square

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



376A9E



995068



78662F



007566

Rectangle

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



376A9E



80598B



78662F



467142

Sweetspot

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



376A9E



A5BACF



379E6A



4F5C69



E8E8E8



696969

Same Dimension

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



376A9E



2D7DCF



37379E



474B4F



00478F



00080F

Inverse Universe

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



9E376A



CF2D7D



9E9E37



4F474B



8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 376A9E looks on a white background.

Color Contrast Check

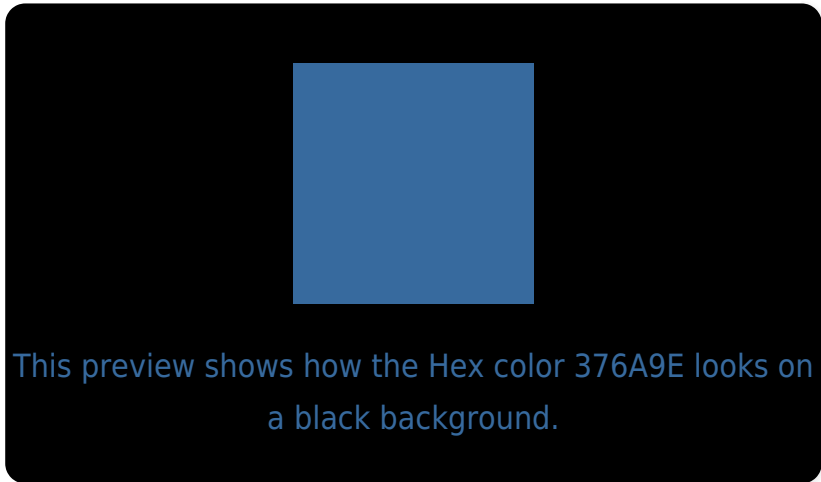
Large Text (above 18pt) WCAG AA ✓ Pass

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 376A9E Background



This preview shows how black text looks on a background with the Hex color 376A9E.

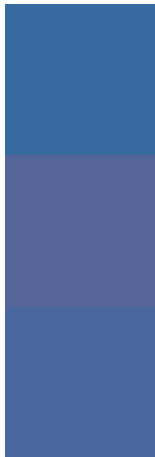


This preview shows how white text looks on a background with the Hex color 376A9E.

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
376A9E

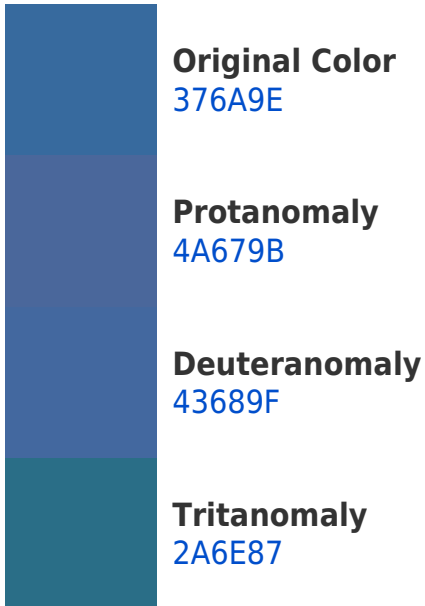
Protanopia
55659A

Deuteranopia
4A679F

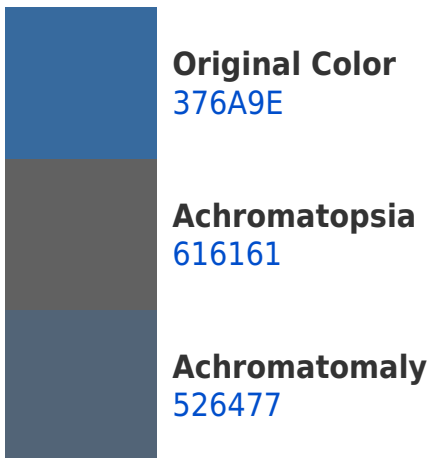


Tritanopia
22717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 376A9E 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 #376A9E looks like.

```
.text, #text, p{  
    color:#376A9E  
}
```

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 #376A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #376A9E
}
```

Border

The CSS property to change the border of an element to Hex 376A9E 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
#376A9E }
```

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

```
.border{ border-color:#376A9E }
```

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

Here you see how a box with a 4 pixel #376A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #376A9E; -webkit-box-shadow:4px 4px  
4px 4px #376A9E; box-shadow:4px 4px 4px  
4px #376A9E }
```

Background

The CSS property to change the background color of an element to Hex 376A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#376A9E }
```

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

```
.background{ background-color:#376A9E }
```

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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