

Converting Colors

Hex(3C6C9D)

Have a look what the booklet for
Hex(3C6C9D) contains.

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Color

Hex(3C6C9D)

Conversions

Conversions Part 1

Format	Color
Hex	3C6C9D
RGB	60, 108, 157
RGB Percent	24%, 42%, 62%
CMY	0.7647, 0.5765, 0.3843
CMYK	0.62, 0.31, 0.00, 0.38
HSL	210°, 45%, 43%
HSV	210°, 62%, 62%
XYZ	13.3118, 14.1201, 33.9221
YIQ	99.2340, -44.3370, 5.0630

Conversions

Conversions Part 2

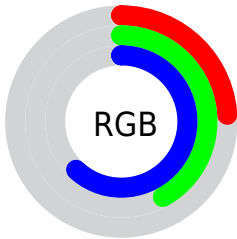
Format	Color
RYB	60, 92, 157
Decimal	3959965
CIELab	44.40, -0.71, -31.44
CIElCh	44, 31.445, 268.713
Yxy	14.1201, 0.2170, 0.2301
Android (android.graphics.Color)	4282150045 (0xFF3C6C9D)
YUV	99.2340, 28.4786, -34.4082
Hunter-Lab	37.5767, -2.5243, -27.2199

Details

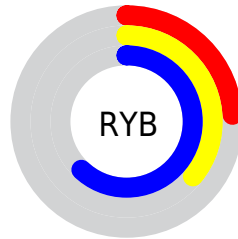
The Hex color **3C6C9D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D6D3C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **749FD4**, and **003D69** is the 20% darker color. If you saturate the color by 10%, you get **2C649D**, and if you desaturate by 10%, it is **4C749D**.

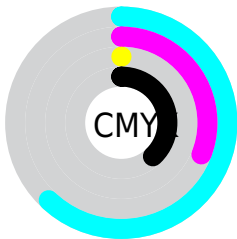
Distribution



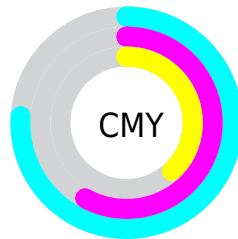
- Red (24%)
- Green (42%)
- Blue (62%)



- Red (24%)
- Yellow (36%)
- Blue (62%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (76%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6C9D 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 3C6C9D by changing the saturation by 10% instead.

■ 3C6C9D

■ 3C6C9D

FFFFFF

■ 1C5483

■ 749FD4

■ 003D69

■ 8FBAF0

■ 002851

■ ACD6FF

■ 00133A

■ C8F2FF

■ 000224

■ E5FFFF

■ 00000B

■ 000000

■ 3C6C9D

■ 3C6C9D

■ 2C649D

■ 4C749D

■ 1D5C9D

■ 5B7C9D

■ 0D549D

■ 6B849D

■ 004E9D

■ 7B8C9D

■ 8B949D

■ 9A9C9D

■ AAA49D

■ BAAB9D

■ C9B39D

Harmonies

Analogous

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



007395



3C6C9D



6A6397

Triad

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



3C6C9D



9A5651



40744D

Complementary

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



3C6C9D



9D6D3C

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.



606F3A



3C6C9D



8F5E3D

Square

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



3C6C9D



99546B



7A6734



0B7667

Rectangle

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



3C6C9D



805C8C



7A6734



4B7345

Sweetspot

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



3C6C9D



A5B8CC



3C9D6D



4F5A66



E6E6E6



666666

Same Dimension

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



3C6C9D



3580CC



3C3C9D



474B4F



00478F



00080F

Inverse Universe

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



9D3C6C



CC3580



9D9D3C



4F474B



8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 3C6C9D 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



This preview shows how the Hex color 3C6C9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

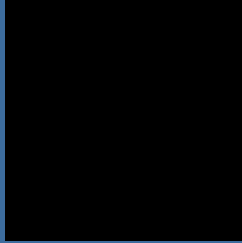
Any Text WCAG AA × Fail

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 3C6C9D Background



This preview shows how black text looks on a background with the Hex color 3C6C9D.



This preview shows how white text looks on a background with the Hex color 3C6C9D.

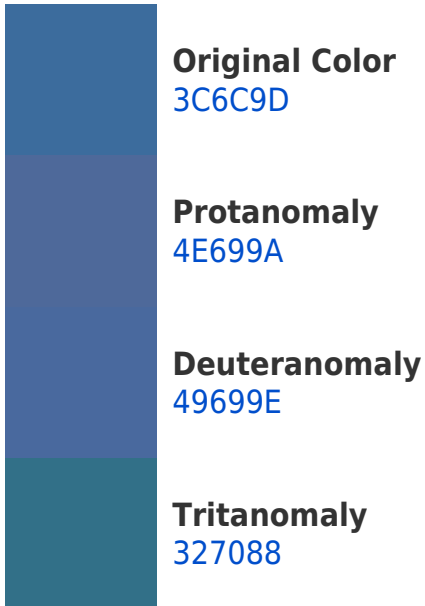
Color Blindness Simulation

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 3C6C9D 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 #3C6C9D looks like.

```
.text, #text, p{  
    color:#3C6C9D  
}
```

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 #3C6C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6C9D
}
```

Border

The CSS property to change the border of an element to Hex 3C6C9D 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
#3C6C9D }
```

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

```
.border{ border-color:#3C6C9D }
```

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

Here you see how a box with a 4 pixel #3C6C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6C9D; -webkit-box-shadow:4px 4px  
4px 4px #3C6C9D; box-shadow:4px 4px 4px  
4px #3C6C9D }
```

Background

The CSS property to change the background color of an element to Hex 3C6C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6C9D }
```

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

```
.background{ background-color:#3C6C9D }
```

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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