

Converting Colors

Hex(3C558D)

Have a look what the booklet for
Hex(3C558D) contains.

Hex(3C558D)	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(3C558D)

Conversions

Conversions Part 1

Format	Color
Hex	3C558D
RGB	60, 85, 141
RGB Percent	24%, 33%, 55%
CMY	0.7647, 0.6667, 0.4471
CMYK	0.57, 0.40, 0.00, 0.45
HSL	221°, 40%, 39%
HSV	221°, 57%, 55%
XYZ	9.9197, 9.3807, 26.4871
YIQ	83.9090, -32.8760, 12.1160

Conversions

Conversions Part 2

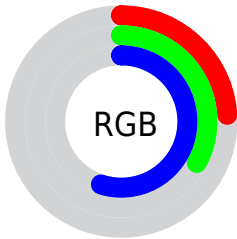
Format	Color
R_{YB}	60, 79, 141
Decimal	3954061
CIE _{Lab}	36.71, 8.22, -33.98
CIE _{LCh}	37, 34.956, 283.605
Yxy	9.3807, 0.2166, 0.2049
Android (android.graphics.Color)	4282144141 (0xFF3C558D)
YUV	83.9090, 28.1459, -20.9682
Hunter-Lab	30.6280, 4.2130, -29.8345

Details

The Hex color **3C558D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D743C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7286C3**, and **00295A** is the 20% darker color. If you saturate the color by 10%, you get **2E4B8D**, and if you desaturate by 10%, it is **4A5F8D**.

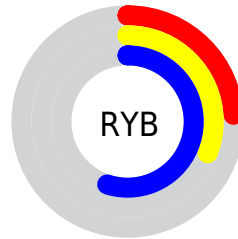
Distribution



 Red (24%)

 Green (33%)

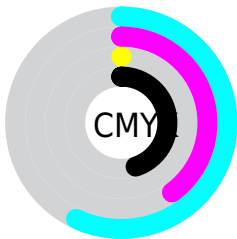
 Blue (55%)




 Red (24%)

 Yellow (31%)

 Blue (55%)

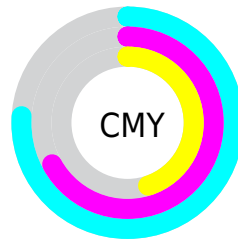


 Cyan (57%)

 Magenta (40%)

 Yellow (0%)

 Black (45%)



 Cyan (76%)

 Magenta (67%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C558D 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 3C558D by changing the saturation by 10% instead.

■ 3C558D

■ 3C558D

FFFFFF

■ 1F3E73

■ 7286C3

■ 00295A

■ 8DA0DF

■ 001542

■ A8BBFC

■ 00032C

■ C4D7FF

■ 000116

■ E1F3FF

■ 000000

FEFFFF

■ 3C558D

■ 3C558D

■ 2E4B8D

■ 4A5F8D

■ 20428D

■ 58688D

■ 12388D

■ 66728D

■ 042E8D

■ 747C8D

■ 002C8D

■ 83868D

■ 918F8D

■ 9F998D

■ ADA38D

■ BBAD8D

Harmonies

Analogous

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



005E8C



3C558D



694A7F

Triad

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



3C558D



844531



006346

Complementary

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



3C558D



8D743C

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.



3B602C



3C558D



734F1F

Square

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



3C558D



8B3E4B



5A591C



006463

Rectangle

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



3C558D



7B4370



5A591C



1D623C

Sweetspot

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



3C558D



98A2B8



3C8D73



494F5C



DBDBDB



5C5C5C

Same Dimension

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



3C558D



3960B8



4B3C8D



404247



002A87



000208

Inverse Universe

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



8D3C55



B83960



7E8D3C



474042



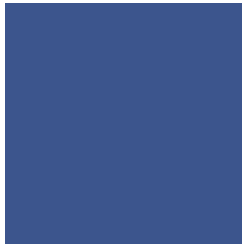
87002A



080002

Previews

White Background



This preview shows how the Hex color 3C58D looks on a white background.

Color Contrast Check

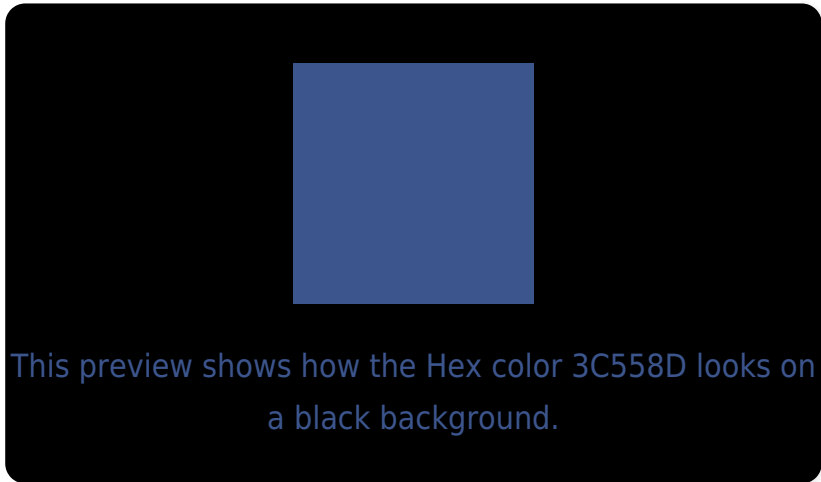
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

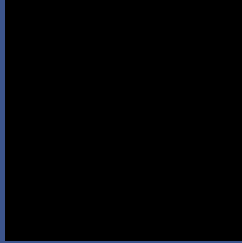
Any Text WCAG AA × Fail

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 3C558D Background



This preview shows how black text looks on a background with the Hex color 3C558D.



This preview shows how white text looks on a background with the Hex color 3C558D.

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
3C558D

Protanopia
40548C

Deuteranopia
34578D



Tritanopia
2C5D65

Trichromacy



Original Color
3C558D

Protanomaly
3F548C

Deuteranomaly
37568D

Tritanomaly
325A74

Monochromacy



Original Color
3C558D

Achromatopsia
545454

Achromatomaly
4B5469

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C558D 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 #3C558D looks like.

```
.text, #text, p{  
    color:#3C558D  
}
```

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 #3C558D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C558D
}
```

Border

The CSS property to change the border of an element to Hex 3C558D is called "border". The border property can be set on classes, ids or directly on the HTML element.

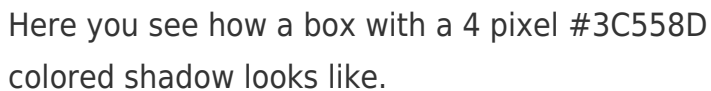
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C558D }
```

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

```
.border{ border-color:#3C558D }
```

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



Here you see how a box with a 4 pixel #3C558D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C558D; -webkit-box-shadow:4px 4px  
4px 4px #3C558D; box-shadow:4px 4px 4px  
4px #3C558D }
```

Background

The CSS property to change the background color of an element to Hex 3C558D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C558D }
```

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

```
.background{ background-color:#3C558D }
```

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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