

Converting Colors

Hex(3C538A)

Have a look what the booklet for
Hex(3C538A) contains.

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Color

Hex(3C538A)

Conversions

Conversions Part 1

Format	Color
Hex	3C538A
RGB	60, 83, 138
RGB Percent	24%, 33%, 54%
CMY	0.7647, 0.6745, 0.4588
CMYK	0.57, 0.40, 0.00, 0.46
HSL	222°, 39%, 39%
HSV	222°, 57%, 54%
XYZ	9.5442, 8.9821, 25.2755
YIQ	82.3930, -31.3630, 12.2290

Conversions

Conversions Part 2

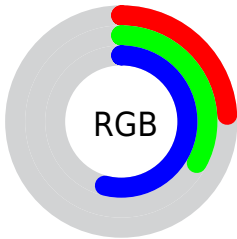
Format	Color
R_{YB}	60, 78, 138
Decimal	3953546
CIE _{Lab}	35.95, 8.48, -33.35
CIE _{LCh}	36, 34.408, 284.265
Yxy	8.9821, 0.2179, 0.2051
Android (android.graphics.Color)	4282143626 (0xFF3C538A)
YUV	82.3930, 27.4143, -19.6387
Hunter-Lab	29.9702, 4.3964, -29.0232

Details

The Hex color **3C538A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A733C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7184C0**, and **002758** is the 20% darker color. If you saturate the color by 10%, you get **2E498A**, and if you desaturate by 10%, it is **4A5D8A**.

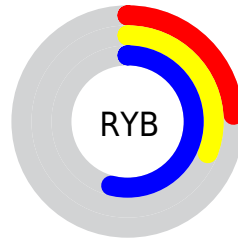
Distribution



Red (24%)

Green (33%)

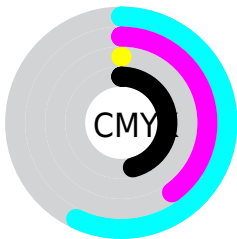
Blue (54%)



Red (24%)

Yellow (31%)

Blue (54%)

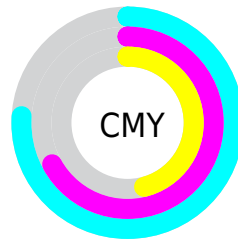


Cyan (57%)

Magenta (40%)

Yellow (0%)

Black (46%)



Cyan (76%)

Magenta (67%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C538A 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 3C538A by changing the saturation by 10% instead.



3C538A



3C538A

FFFFFF



203C70



7184C0



002758



8C9EDC



001340



A8B9F8



000329



C4D5FF



000113



E0F1FF



000000

FEFFFF



3C538A



3C538A



2E498A



4A5D8A

■ 20408A

■ 58668A

■ 13368A

■ 65708A

■ 052C8A

■ 737A8A

■ 00298A

■ 81848A

■ 8F8D8A

■ 9D978A

■ AAA18A

■ B8AB8A

Harmonies

Analogous

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



005C89



3C538A



67487C

Triad

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



3C538A



81432F



006145

Complementary

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



3C538A



8A733C

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.



385E2B



3C538A



704E1E

Square

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



3C538A



883D48



57571C



006261

Rectangle

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



3C538A



79416D



57571C



1B603C

Sweetspot

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



3C538A



949DB3



3C8A73



474D59



D9D9D9



595959

Same Dimension

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



3C538A



395DB3



4C3C8A



3E4045



002785



000205

Inverse Universe

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



8A3C53



B3395D



7A8A3C



453E40



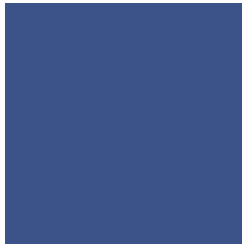
850027



050002

Previews

White Background



This preview shows how the Hex color 3C538A looks on a white background.

Color Contrast Check

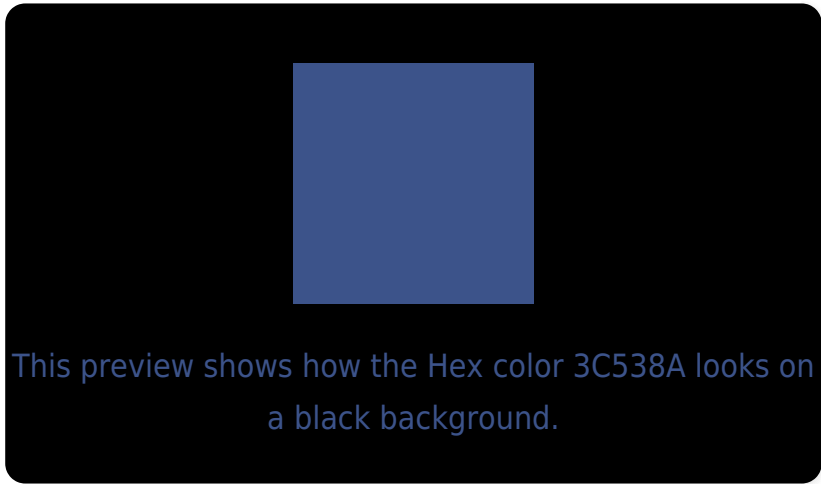
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C538A Background



This preview shows how black text looks on a background with the Hex color 3C538A.



This preview shows how white text looks on a background with the Hex color 3C538A.

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](#).

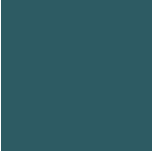
Dichromacy



Original Color
3C538A

Protanopia
3E538A

Deuteranopia
33558A



Tritanopia
2D5B63

Trichromacy



Original Color
3C538A

Protanomaly
3D538A

Deuteranomaly
36548A

Tritanomaly
325871

Monochromacy



Original Color
3C538A

Achromatopsia
525252

Achromatomaly
4A5266

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C538A 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 #3C538A looks like.

```
.text, #text, p{  
    color:#3C538A  
}
```

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 #3C538A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C538A
}
```

Border

The CSS property to change the border of an element to Hex 3C538A 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
#3C538A }
```

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

```
.border{ border-color:#3C538A }
```

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

Here you see how a box with a 4 pixel #3C538A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C538A; -webkit-box-shadow:4px 4px  
4px 4px #3C538A; box-shadow:4px 4px 4px  
4px #3C538A }
```

Background

The CSS property to change the background color of an element to Hex 3C538A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C538A }
```

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

```
.background{ background-color:#3C538A }
```

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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