

Converting Colors

Hex(3C5388)

Have a look what the booklet for
Hex(3C5388) contains.

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Color

Hex(3C5388)

Conversions

Conversions Part 1

Format	Color
Hex	3C5388
RGB	60, 83, 136
RGB Percent	24%, 33%, 53%
CMY	0.7647, 0.6745, 0.4667
CMYK	0.56, 0.39, 0.00, 0.47
HSL	222°, 39%, 38%
HSV	222°, 56%, 53%
XYZ	9.4007, 8.9247, 24.5197
YIQ	82.1650, -30.7210, 11.6070

Conversions

Conversions Part 2

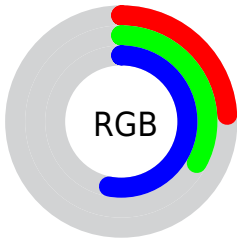
Format	Color
RYB	60, 78, 136
Decimal	3953544
CIELab	35.84, 7.79, -32.30
CIElCh	36, 33.226, 283.552
Yxy	8.9247, 0.2194, 0.2083
Android (android.graphics.Color)	4282143624 (0xFF3C5388)
YUV	82.1650, 26.5407, -19.4387
Hunter-Lab	29.8743, 3.8893, -27.7510

Details

The Hex color **3C5388** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **88713C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7184BE**, and **002756** is the 20% darker color. If you saturate the color by 10%, you get **2E4A88**, and if you desaturate by 10%, it is **4A5C88**.

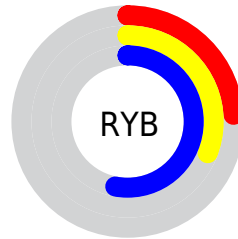
Distribution



Red (24%)

Green (33%)

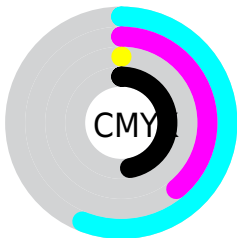
Blue (53%)



Red (24%)

Yellow (31%)

Blue (53%)

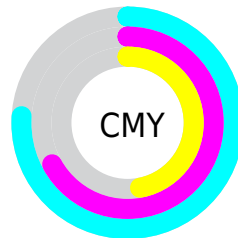


Cyan (56%)

Magenta (39%)

Yellow (0%)

Black (47%)



Cyan (76%)

Magenta (67%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5388 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 3C5388 by changing the saturation by 10% instead.



3C5388



3C5388

FFFFFF



203C6E



7184BE



002756



8C9EDA



00123E



A7B9F6



000328



C3D5FF



000112



E0F1FF



000000

FDFFFF



3C5388



3C5388



2E4A88



4A5C88

■ 214088

■ 576688

■ 133788

■ 656F88

■ 062D88

■ 727988

■ 002988

■ 808288

■ 8E8C88

■ 9B9588

■ A99F88

■ B6A888

Harmonies

Analogous

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



005B87



3C5388



66487B

Triad

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



3C5388



804431



046144

Complementary

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



3C5388



88713C

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.



3A5D2C



3C5388



704E20

Square

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



3C5388



863D49



58571E



006260

Rectangle

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



3C5388



77426C



58571E



1F603C

Sweetspot

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



3C5388



929BB0



3C8870



474D59



D9D9D9



595959

Same Dimension

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



3C5388



3A5EB0



4A3C88



3E4045



002885



000205

Inverse Universe

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



883C53



B03A5E



7A883C



453E40



850028



050002

Previews

White Background



This preview shows how the Hex color 3C5388 looks on a white background.

Color Contrast Check

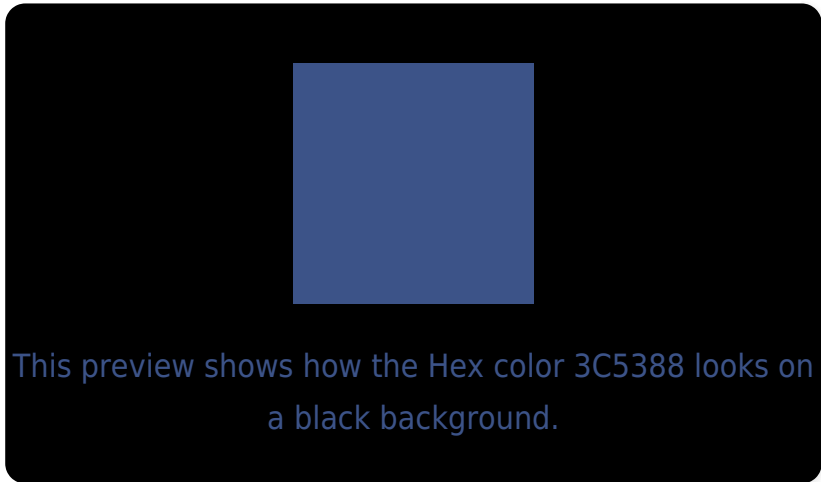
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C5388 Background



This preview shows how black text looks on a background with the Hex color 3C5388.



This preview shows how white text looks on a background with the Hex color 3C5388.

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
3C5388

Protanopia
3F5287

Deuteranopia
355488



Tritanopia
2E5B62

Trichromacy



Original Color
3C5388

Protanomaly
3E5287

Deuteranomaly
385488

Tritanomaly
335870

Monochromacy



Original Color
3C5388

Achromatopsia
525252

Achromatomaly
4A5266

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5388 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 #3C5388 looks like.

```
.text, #text, p{  
    color:#3C5388  
}
```

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 #3C5388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5388  
}
```

Border

The CSS property to change the border of an element to Hex 3C5388 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  
#3C5388 }
```

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

```
.border{ border-color:#3C5388 }
```

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

Here you see how a box with a 4 pixel #3C5388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5388; -webkit-box-shadow:4px 4px  
4px 4px #3C5388; box-shadow:4px 4px 4px  
4px #3C5388 }
```

Background

The CSS property to change the background color of an element to Hex 3C5388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5388 }
```

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

```
.background{ background-color:#3C5388 }
```

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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