

Converting Colors

Hex(3C5681)

Have a look what the booklet for
Hex(3C5681) contains.

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Color

Hex(3C5681)

Conversions

Conversions Part 1

Format	Color
Hex	3C5681
RGB	60, 86, 129
RGB Percent	24%, 34%, 51%
CMY	0.7647, 0.6627, 0.4941
CMYK	0.53, 0.33, 0.00, 0.49
HSL	217°, 37%, 37%
HSV	217°, 53%, 51%
XYZ	9.1537, 9.2012, 22.0624
YIQ	83.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

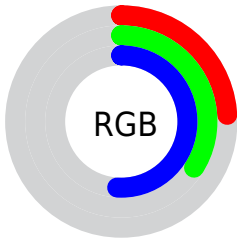
Format	Color
RYB	60, 79, 129
Decimal	3954305
CIELab	36.37, 3.46, -27.18
CIElCh	36, 27.398, 277.253
Yxy	9.2012, 0.2265, 0.2277
Android (android.graphics.Color)	4282144385 (0xFF3C5681)
YUV	83.1280, 22.6149, -20.2833
Hunter-Lab	30.3335, 0.7822, -21.8899

Details

The Hex color **3C5681** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **81673C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7087B6**, and **00294F** is the 20% darker color. If you saturate the color by 10%, you get **2F4E81**, and if you desaturate by 10%, it is **495E81**.

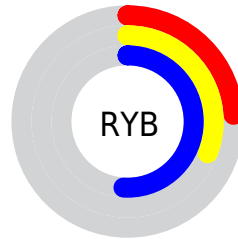
Distribution



Red (24%)

Green (34%)

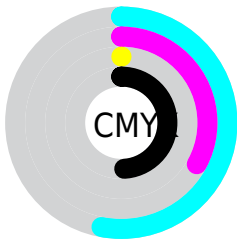
Blue (51%)



Red (24%)

Yellow (31%)

Blue (51%)

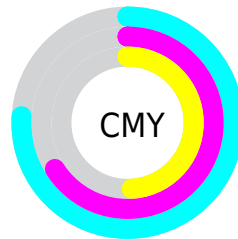


Cyan (53%)

Magenta (33%)

Yellow (0%)

Black (49%)



Cyan (76%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5681 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 3C5681 by changing the saturation by 10% instead.

■ 3C5681

■ 3C5681

FFFFFF

■ 213F68

■ 7087B6

■ 00294F

■ 8BA2D2

■ 001538

■ A6BDEE

■ 000223

■ C2D8FF

■ 000009

■ DEF5FF

■ 000000

■ FBFFFF

■ 3C5681

■ 3C5681

■ 2F4E81

■ 495E81

■ 224681

■ 566681

■ 153E81

■ 636E81

■ 083681

■ 707681

■ 003181

■ 7D7E81

■ 898681

■ 968E81

■ A39681

■ B09E81

Harmonies

Analogous

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



005C7E



3C5681



5F4E79

Triad

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



3C5681



7D473C



2A6044

Complementary

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



3C5681



81673C

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.



475C32



3C5681



714E2D

Square

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



3C5681



7F4451



5E5629



00615A

Rectangle

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



3C5681



6F496E



5E5629



345F3D

Sweetspot

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



3C5681



8D98A8



3C8167



444A54



D4D4D4



545454

Same Dimension

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



3C5681



3D65A8



443C81



393C40



003080



000000

Inverse Universe

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



813C56



A83D65



79813C



40393C



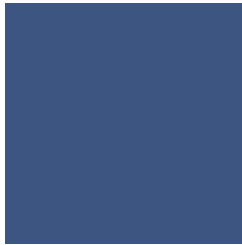
800030



000000

Previews

White Background



This preview shows how the Hex color 3C5681 looks on a white background.

Color Contrast Check

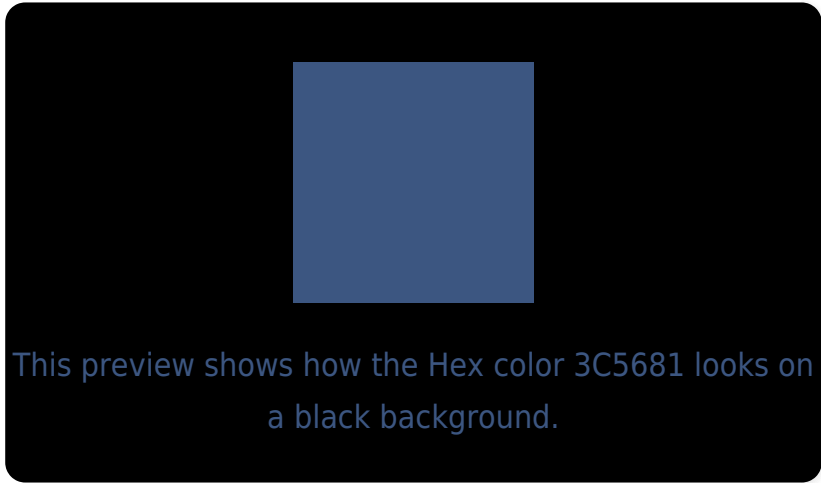
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C5681 Background



This preview shows how black text looks on a background with the Hex color 3C5681.



This preview shows how white text looks on a background with the Hex color 3C5681.

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
3C5681

Protanopia
47547F

Deuteranopia
405581



Tritanopia
315C63

Trichromacy



Original Color
3C5681

Protanomaly
435580

Deuteranomaly
3F5581

Tritanomaly
355A6E

Monochromacy



Original Color
3C5681

Achromatopsia
535353

Achromatomaly
4B5464

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5681 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 #3C5681 looks like.

```
.text, #text, p{  
    color:#3C5681  
}
```

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 #3C5681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5681
}
```

Border

The CSS property to change the border of an element to Hex 3C5681 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
#3C5681 }
```

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

```
.border{ border-color:#3C5681 }
```

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

Here you see how a box with a 4 pixel #3C5681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5681; -webkit-box-shadow:4px 4px  
4px 4px #3C5681; box-shadow:4px 4px 4px  
4px #3C5681 }
```

Background

The CSS property to change the background color of an element to Hex 3C5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5681 }
```

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

```
.background{ background-color:#3C5681 }
```

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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