

Converting Colors

Hex(3B5484)

Have a look what the booklet for
Hex(3B5484) contains.

Hex(3B5484)	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(3B5484)

Conversions

Conversions Part 1

Format	Color
Hex	3B5484
RGB	59, 84, 132
RGB Percent	23%, 33%, 52%
CMY	0.7686, 0.6706, 0.4824
CMYK	0.55, 0.36, 0.00, 0.48
HSL	219°, 38%, 37%
HSV	219°, 55%, 52%
XYZ	9.1388, 8.9364, 23.0730
YIQ	81.9970, -30.3080, 9.6280

Conversions

Conversions Part 2

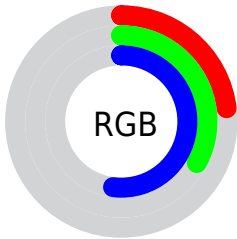
Format	Color
RYB	59, 78, 132
Decimal	3888260
CIELab	35.86, 5.52, -29.82
CIElCh	36, 30.327, 280.489
Yxy	8.9364, 0.2221, 0.2172
Android (android.graphics.Color)	4282078340 (0xFF3B5484)
YUV	81.9970, 24.6515, -20.1684
Hunter-Lab	29.8938, 2.2549, -24.8363

Details

The Hex color **3B5484** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **846B3B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6F85B9**, and **002852** is the 20% darker color. If you saturate the color by 10%, you get **2E4B84**, and if you desaturate by 10%, it is **485D84**.

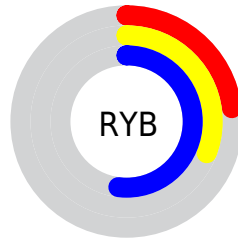
Distribution



Red (23%)

Green (33%)

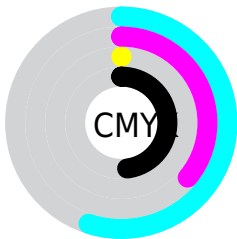
Blue (52%)



Red (23%)

Yellow (31%)

Blue (52%)

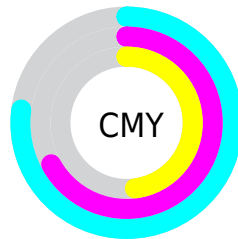


Cyan (55%)

Magenta (36%)

Yellow (0%)

Black (48%)



Cyan (77%)

Magenta (67%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5484 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 3B5484 by changing the saturation by 10% instead.

■ 3B5484

■ 3B5484

FFFFFF

■ 203D6B

■ 6F85B9

■ 002852

■ 8A9FD5

■ 00133B

■ A5BAF2

■ 000225

■ C1D6FF

■ 00010D

■ DEF2FF

■ 000000

■ FBFFFF

■ 3B5484

■ 3B5484

■ 2E4B84

■ 485D84

■ 214384

■ 556584

■ 133A84

■ 636E84

■ 063184

■ 707784

■ 002D84

■ 7D7F84

■ 8A8884

■ 979184

■ A59984

■ B2A284

Harmonies

Analogous

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



005B82



3B5484



614B79

Triad

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



3B5484



7E4536



1C6043

Complementary

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



3B5484



846B3B

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.



405C2E



3B5484



704D26

Square

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



3B5484



82404D



5B5623



00615C

Rectangle

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



3B5484



73456D



5B5623



2A5F3B

Sweetspot

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



3B5484



8E98AB



3B846A



454B57



D6D6D6



575757

Same Dimension

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



3B5484



3A61AB



463B84



3C3E42



002D82



000103

Inverse Universe

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



843B54



AB3A61



79843B



423C3E



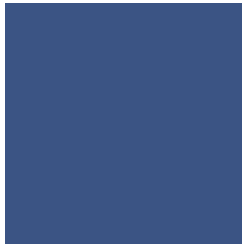
82002D



030001

Previews

White Background



This preview shows how the Hex color 3B5484 looks on a white background.

Color Contrast Check

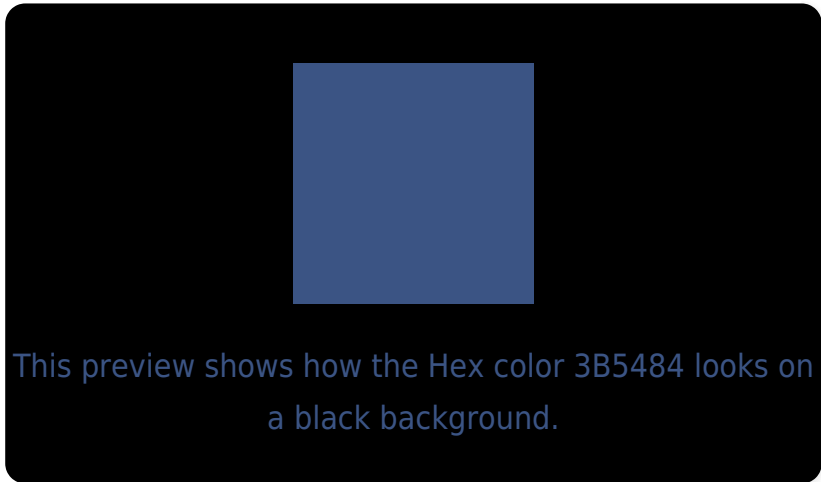
Large Text (above 18pt) WCAG AA ✓ Pass

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

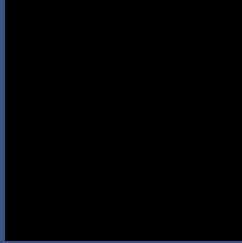
Any Text WCAG AA × Fail

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 3B5484 Background



This preview shows how black text looks on a background with the Hex color 3B5484.



This preview shows how white text looks on a background with the Hex color 3B5484.

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
3B5484

Protanopia
435383

Deuteranopia
3A5484



Tritanopia
2E5B62

Trichromacy



Original Color
3B5484

Protanomaly
405383

Deuteranomaly
3A5484

Tritanomaly
33586E

Monochromacy



Original Color
3B5484

Achromatopsia
525252

Achromatomaly
4A5364

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5484 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 #3B5484 looks like.

```
.text, #text, p{  
    color:#3B5484  
}
```

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 #3B5484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5484
}
```

Border

The CSS property to change the border of an element to Hex 3B5484 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
#3B5484 }
```

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

```
.border{ border-color:#3B5484 }
```

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

Here you see how a box with a 4 pixel #3B5484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5484; -webkit-box-shadow:4px 4px  
4px 4px #3B5484; box-shadow:4px 4px 4px  
4px #3B5484 }
```

Background

The CSS property to change the background color of an element to Hex 3B5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5484 }
```

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

```
.background{ background-color:#3B5484 }
```

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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