

Converting Colors

Hex(3B5581)

Have a look what the booklet for
Hex(3B5581) contains.

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Color

Hex(3B5581)

Conversions

Conversions Part 1	
Format	Color
Hex	3B5581
RGB	59, 85, 129
RGB Percent	23%, 33%, 51%
CMY	0.7686, 0.6667, 0.4941
CMYK	0.54, 0.34, 0.00, 0.49
HSL	218°, 37%, 37%
HSV	218°, 54%, 51%
XYZ	9.0146, 9.0118, 22.0332
YIQ	82.2420, -29.6200, 8.1720

Conversions

Conversions Part 2

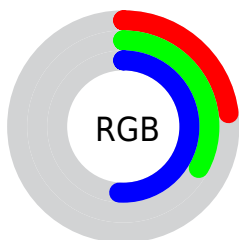
Format	Color
RYB	59, 78, 129
Decimal	3888513
CIELab	36.01, 3.85, -27.75
CIELCh	36, 28.017, 277.902
Yxy	9.0118, 0.2250, 0.2250
Android (android.graphics.Color)	4282078593 (0xFF3B5581)
YUV	82.2420, 23.0517, -20.3832
Hunter-Lab	30.0196, 1.0673, -22.5027

Details

The Hex color **3B5581** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **81673B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6F86B6**, and **00284F** is the 20% darker color. If you saturate the color by 10%, you get **2E4D81**, and if you desaturate by 10%, it is **485D81**.

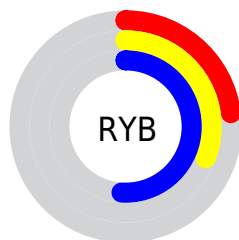
Distribution



Red (23%)

Green (33%)

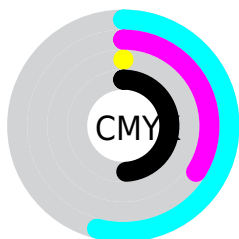
Blue (51%)



Red (23%)

Yellow (31%)

Blue (51%)

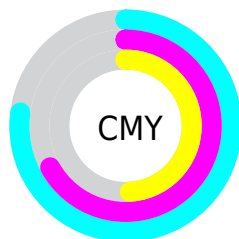


Cyan (54%)

Magenta (34%)

Yellow (0%)

Black (49%)



Cyan (77%)

Magenta (67%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5581 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 3B5581 by changing the saturation by 10% instead.

 3B5581

 3B5581

FFFFFF

 203E68

 6F86B6

 00284F

 8AA1D2

 001438

 A5BBEE

 000222

 C1D7FF

 000009

 DDF4FF

 000000

 FAFFFF

 3B5581

 3B5581

 2E4D81

 485D81

 214581

 556581

 143D81

 626D81

 073581

 6F7581

 003081

 7C7E81

 888681

 958E81

 A29681

 AF9E81

Harmonies

Analogous

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



005C7E



3B5581



5F4D78

Triad

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



3B5581



7D463A



265F43

Complementary

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



3B5581



81673B

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.



455B30



3B5581



704E2B

Square

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



3B5581



7F4250



5D5527



00605A

Rectangle

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



3B5581



6F476D



5D5527



325E3C

Sweetspot

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



3B5581



8D97A8



3B8166



444A54



D4D4D4



545454

Same Dimension

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



3B5581



3B64A8



433B81



393C40



002F80



000000

Inverse Universe

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



813B55



A83B64



79813B



40393C



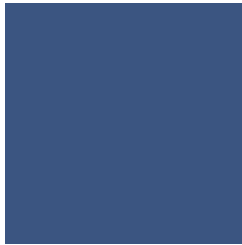
80002F



000000

Previews

White Background



This preview shows how the Hex color 3B5581 looks on a white background.

Color Contrast Check

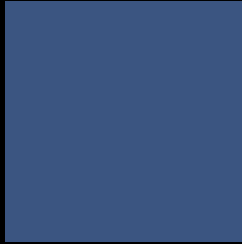
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 3B5581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

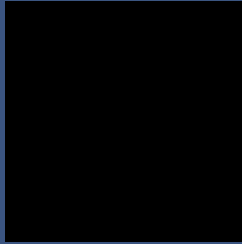
Any Text WCAG AA × Fail

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 3B5581 Background



This preview shows how black text looks on a background with the Hex color 3B5581.



This preview shows how white text looks on a background with the Hex color 3B5581.

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

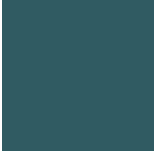
3B5581

Protanopia

45537F

Deuteranopia

3E5481



Tritanopia
305B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5581 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 #3B5581 looks like.

```
.text, #text, p{  
    color:#3B5581  
}
```

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 #3B5581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5581
}
```

Border

The CSS property to change the border of an element to Hex 3B5581 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
#3B5581 }
```

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

```
.border{ border-color:#3B5581 }
```

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

Here you see how a box with a 4 pixel #3B5581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5581; -webkit-box-shadow:4px 4px  
4px 4px #3B5581; box-shadow:4px 4px 4px  
4px #3B5581 }
```

Background

The CSS property to change the background color of an element to Hex 3B5581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5581 }
```

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

```
.background{ background-color:#3B5581 }
```

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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