

Converting Colors

Hex(3B5471)

Have a look what the booklet for
Hex(3B5471) contains.

Hex(3B5471)	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(3B5471)

Conversions

Conversions Part 1

Format	Color
Hex	3B5471
RGB	59, 84, 113
RGB Percent	23%, 33%, 44%
CMY	0.7686, 0.6706, 0.5569
CMYK	0.48, 0.26, 0.00, 0.56
HSL	212°, 31%, 34%
HSV	212°, 48%, 44%
XYZ	7.9546, 8.4627, 16.8370
YIQ	79.8310, -24.2090, 3.7190

Conversions

Conversions Part 2

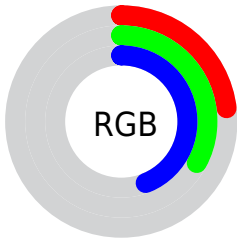
Format	Color
RYB	59, 76, 113
Decimal	3888241
CIELab	34.93, -0.81, -19.54
CIElCh	35, 19.558, 267.620
Yxy	8.4627, 0.2392, 0.2545
Android (android.graphics.Color)	4282078321 (0xFF3B5471)
YUV	79.8310, 16.3523, -18.2688
Hunter-Lab	29.0907, -2.0996, -13.9521




Details

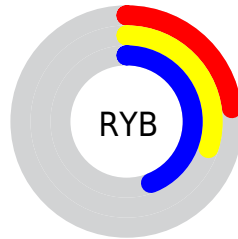
The Hex color **3B5471** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **71583B**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **6D85A5**, and **062741** is the 20% darker color. If you saturate the color by 10%, you get **304E71**, and if you desaturate by 10%, it is **465A71**.

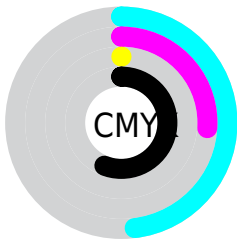
Distribution







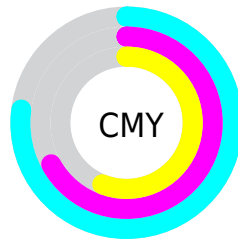
-  Red (23%)
-  Green (33%)
-  Blue (44%)






-  Red (23%)
-  Yellow (30%)
-  Blue (44%)



-  Cyan (48%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (77%)
-  Magenta (67%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5471 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 3B5471 by changing the saturation by 10% instead.



3B5471



3B5471

FFFFFF



223D58



6D85A5



062741



87A0C0



00132B



A2BADC



000116



BED6F9



000000



DAF2FF



F7FFFF



3B5471



3B5471



304E71



465A71

■ 244871

■ 526071

■ 194271

■ 5D6671

■ 0E3C71

■ 686C71

■ 033671

■ 747271

■ 003471

■ 7F7871

■ 8A7E71

■ 958571

■ A18B71

Harmonies

Analogous

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



24586C



3B5471



524F6E

Triad

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



3B5471



714744



3C5941

Complementary

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



3B5471



71583B

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.



4E5636



3B5471



6A4B38

Square

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



3B5471



6F4654



5E5133



295B50

Rectangle

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



3B5471



5F4B67



5E5133



42583D

Sweetspot

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



3B5471



7F8994



3B7158



3D434A



C9C9C9



4A4A4A

Same Dimension

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



3B5471



406794



3D3B71



323538



003778



0073F7

Inverse Universe

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



713B54



944067



6F713B



383235



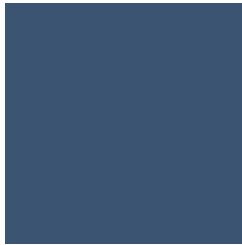
780037



F70073

Previews

White Background



This preview shows how the Hex color 3B5471 looks on a white background.

Color Contrast Check

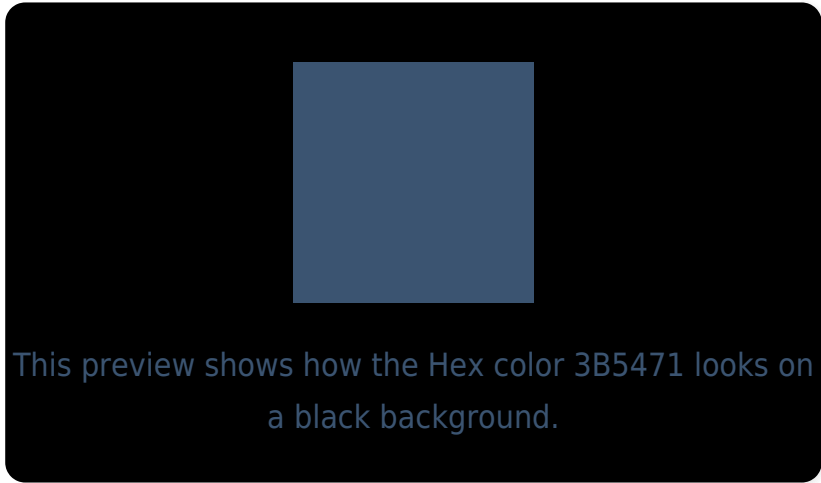
Large Text (above 18pt) WCAG AA ✓ Pass

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

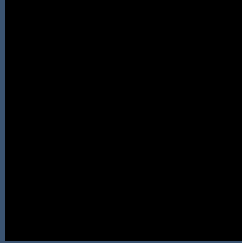
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

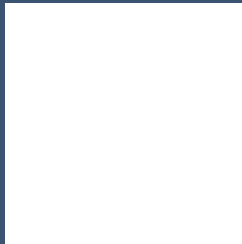
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3B5471 Background



This preview shows how black text looks on a background with the Hex color 3B5471.

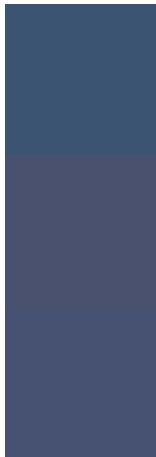


This preview shows how white text looks on a background with the Hex color 3B5471.

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
3B5471

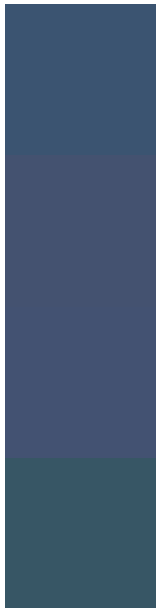
Protanopia
49516F

Deuteranopia
475172



Tritanopia
35575E

Trichromacy



Original Color
3B5471

Protanomaly
445270

Deuteranomaly
435272

Tritanomaly
375665

Monochromacy



Original Color
3B5471

Achromatopsia
505050

Achromatomaly
48515C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5471 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 #3B5471 looks like.

```
.text, #text, p{  
    color:#3B5471  
}
```

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 #3B5471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5471
}
```

Border

The CSS property to change the border of an element to Hex 3B5471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

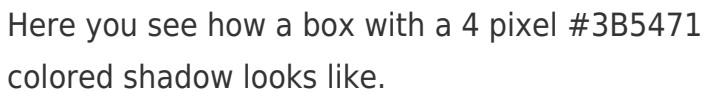
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B5471 }
```

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

```
.border{ border-color:#3B5471 }
```

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



Here you see how a box with a 4 pixel #3B5471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5471; -webkit-box-shadow:4px 4px  
4px 4px #3B5471; box-shadow:4px 4px 4px  
4px #3B5471 }
```

Background

The CSS property to change the background color of an element to Hex 3B5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5471 }
```

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

```
.background{ background-color:#3B5471 }
```

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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