

Converting Colors

Hex(3B4676)

Have a look what the booklet for
Hex(3B4676) contains.

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Color

Hex(3B4676)

Conversions

Conversions Part 1

Format	Color
Hex	3B4676
RGB	59, 70, 118
RGB Percent	23%, 27%, 46%
CMY	0.7686, 0.7255, 0.5373
CMYK	0.50, 0.41, 0.00, 0.54
HSL	229°, 33%, 35%
HSV	229°, 50%, 46%
XYZ	7.2638, 6.6181, 18.0341
YIQ	72.1830, -21.9640, 12.5960

Conversions

Conversions Part 2

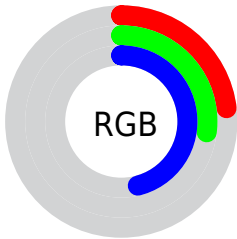
Format	Color
R_{YB}	59, 68, 118
Decimal	3884662
CIE _{Lab}	30.92, 9.94, -28.94
CIE _{LCh}	31, 30.595, 288.953
Y _{xy}	6.6181, 0.2276, 0.2074
Android (android.graphics.Color)	4282074742 (0xFF3B4676)
Y _{UV}	72.1830, 22.5878, -11.5615
Hunter-Lab	25.7257, 5.3805, -23.5552

Details

The Hex color **3B4676** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **766B3B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6E76AA**, and **031B45** is the 20% darker color. If you saturate the color by 10%, you get **2F3C76**, and if you desaturate by 10%, it is **475076**.

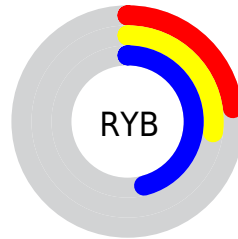
Distribution



Red (23%)

Green (27%)

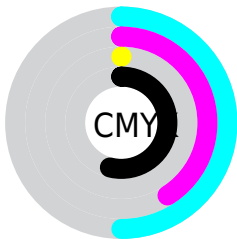
Blue (46%)



Red (23%)

Yellow (27%)

Blue (46%)

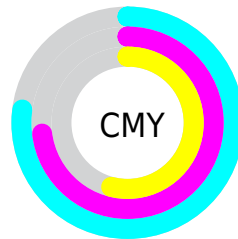


Cyan (50%)

Magenta (41%)

Yellow (0%)

Black (54%)



Cyan (77%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4676 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 3B4676 by changing the saturation by 10% instead.

■ 3B4676

■ 3B4676

FFFFFF

■ 22305D

■ 6E76AA

■ 031B45

■ 8890C6

■ 00002F

■ A3AAE2

■ 000119

■ BFC5FF

■ 000000

■ DBE1FF

■ F8FEFF

■ 3B4676

■ 3B4676

■ 2F3C76

■ 475076

■ 233376

■ 535976

■ 182976

■ 5E6376

■ 0C2076

■ 6A6C76

■ 001676

■ 767676

■ 828076

■ 8E8976

■ 999376

■ A59C76

Harmonies

Analogous

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



004E77



3B4676



5D3C68

Triad

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



3B4676



6E3B26



00543F

Complementary

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



3B4676



766B3B

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.



2C5128



3B4676



5E4418

Square

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



3B4676



75353B



484C19



005558

Rectangle

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



3B4676



6C375A



484C19



0D5337

Sweetspot

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



3B4676



828699



3B766A



3F414D



CCCCCC



4D4D4D

Same Dimension

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



3B4676



3D4E99



4D3B76



35363B



00177A



002FFA

Inverse Universe

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



763B46



993D4E



64763B



3B3536



7A0017



FA002F

Previews

White Background



This preview shows how the Hex color 3B4676 looks on a white background.

Color Contrast Check

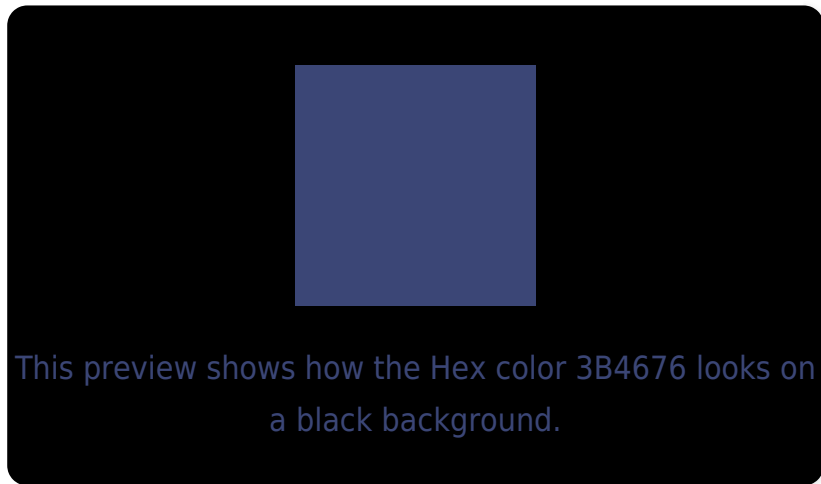
Large Text (above 18pt) WCAG AA ✓ Pass

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

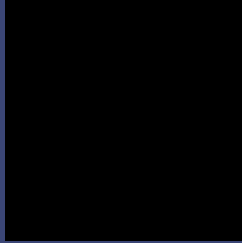
Any Text WCAG AA × Fail

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 3B4676 Background



This preview shows how black text looks on a background with the Hex color 3B4676.



This preview shows how white text looks on a background with the Hex color 3B4676.

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](#).

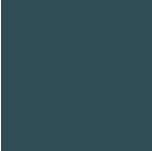
Dichromacy



Original Color
3B4676

Protanopia
364777

Deuteranopia
2E4975



Tritanopia
304D54

Trichromacy



Original Color

3B4676

Protanomaly

384777

Deuteranomaly

334875

Tritanomaly

344A60

Monochromacy



Original Color

3B4676

Achromatopsia

484848

Achromatomaly

434759

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4676 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 #3B4676 looks like.

```
.text, #text, p{  
    color:#3B4676  
}
```

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 #3B4676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4676
}
```

Border

The CSS property to change the border of an element to Hex 3B4676 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
#3B4676 }
```

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

```
.border{ border-color:#3B4676 }
```

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

Here you see how a box with a 4 pixel #3B4676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4676; -webkit-box-shadow:4px 4px  
4px 4px #3B4676; box-shadow:4px 4px 4px  
4px #3B4676 }
```

Background

The CSS property to change the background color of an element to Hex 3B4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4676 }
```

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

```
.background{ background-color:#3B4676 }
```

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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