

Converting Colors

Hex(3B3161)

Have a look what the booklet for
Hex(3B3161) contains.

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Color

Hex(3B3161)

Conversions

Conversions Part 1

Format	Color
Hex	3B3161
RGB	59, 49, 97
RGB Percent	23%, 19%, 38%
CMY	0.7686, 0.8078, 0.6196
CMYK	0.39, 0.49, 0.00, 0.62
HSL	252°, 33%, 29%
HSV	252°, 49%, 38%
XYZ	5.0596, 3.9895, 11.8126
YIQ	57.4620, -9.4480, 17.0480

Conversions

Conversions Part 2

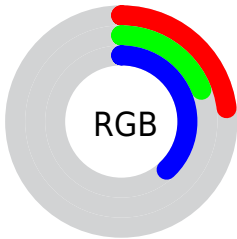
Format	Color
R_{YB}	59, 49, 97
Decimal	3879265
CIE Lab	23.64, 17.24, -27.05
CIE LCh	24, 32.076, 302.514
Yxy	3.9895, 0.2425, 0.1912
Android (android.graphics.Color)	4282069345 (0xFF3B3161)
YUV	57.4620, 19.4922, 1.3488
Hunter-Lab	19.9737, 10.2624, -21.0830

Details

The Hex color **3B3161** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576131**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6C5F94**, and **0E0332** is the 20% darker color. If you saturate the color by 10%, you get **332761**, and if you desaturate by 10%, it is **433B61**.

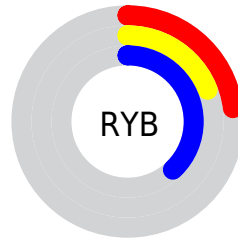
Distribution



Red (23%)

Green (19%)

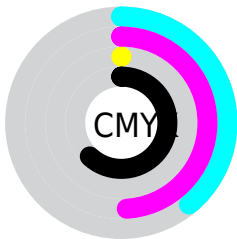
Blue (38%)



Red (23%)

Yellow (19%)

Blue (38%)

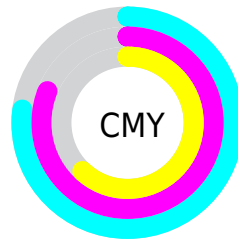


Cyan (39%)

Magenta (49%)

Yellow (0%)

Black (62%)



Cyan (77%)

Magenta (81%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3161 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 3B3161 by changing the saturation by 10% instead.

■ 3B3161

■ 3B3161

FFFFFF

■ 231C49

■ 6C5F94

■ 0E0332

■ 8678AF

■ 00021D

■ A192CA

■ 000000

■ BCACE7

■ D8C8FF

■ F5E4FF

■ 3B3161

■ 3B3161

■ 332761

■ 433B61

■ 2C1E61

■ 4A4461

■ 241461

■ 524E61

■ 1C0A61

■ 5A5861

■ 150161

■ 616261

■ 140061

■ 696B61

■ 717561

■ 787F61

■ 808861

Harmonies

Analogous

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



003A68



3B3161



57264F

Triad

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



3B3161



562F0C



00443A

Complementary

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



3B3161



576131

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.



004221



3B3161



433801

Square

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



3B3161



612520



2A3E0C



004351

Rectangle

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



3B3161



60223F



2A3E0C



004331

Sweetspot

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



3B3161



6E6A7D



315761



373440



BFBFBF



404040

Same Dimension

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



3B3161



43337D



533161



2D2C30



170070



3200F0

Inverse Universe

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



613157



7D336E



3F6131



302C2F



700059



F000BE

Previews

White Background



This preview shows how the Hex color 3B3161 looks on a white background.

Color Contrast Check

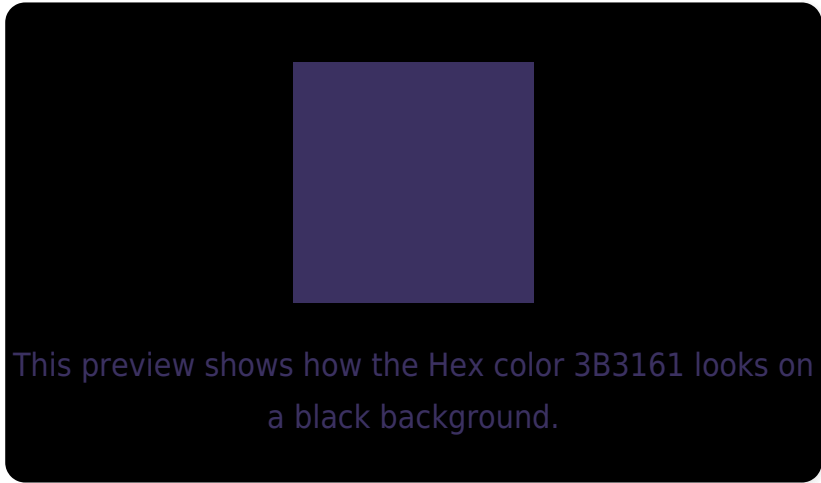
Large Text (above 18pt) WCAG AA ✓ Pass

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

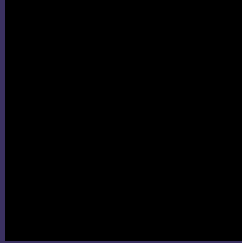
Any Text WCAG AA × Fail

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 3B3161 Background



This preview shows how black text looks on a background with the Hex color 3B3161.



This preview shows how white text looks on a background with the Hex color 3B3161.

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](#).

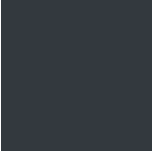
Dichromacy



Original Color
3B3161

Protanopia
213767

Deuteranopia
1D395F



Tritanopia
33393E

Trichromacy



Original Color
3B3161

Protanomaly
2A3565

Deuteranomaly
283660

Tritanomaly
36364B

Monochromacy



Original Color
3B3161

Achromatopsia
393939

Achromatomaly
3A3648

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3161 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 #3B3161 looks like.

```
.text, #text, p{  
    color:#3B3161  
}
```

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 #3B3161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3161
}
```

Border

The CSS property to change the border of an element to Hex 3B3161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

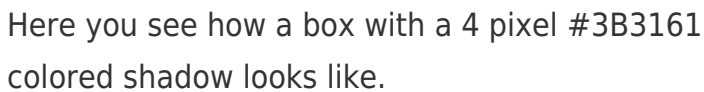
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3161 }
```

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

```
.border{ border-color:#3B3161 }
```

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



Here you see how a box with a 4 pixel #3B3161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3161; -webkit-box-shadow:4px 4px  
4px 4px #3B3161; box-shadow:4px 4px 4px  
4px #3B3161 }
```

Background

The CSS property to change the background color of an element to Hex 3B3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3161 }
```

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

```
.background{ background-color:#3B3161 }
```

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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