

Converting Colors

Hex(3B3366)

Have a look what the booklet for
Hex(3B3366) contains.

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Color

Hex(3B3366)

Conversions

Conversions Part 1

Format	Color
Hex	3B3366
RGB	59, 51, 102
RGB Percent	23%, 20%, 40%
CMY	0.7686, 0.8000, 0.6000
CMYK	0.42, 0.50, 0.00, 0.60
HSL	249°, 33%, 30%
HSV	249°, 50%, 40%
XYZ	5.3857, 4.2568, 13.1082
YIQ	59.2060, -11.6030, 17.5570

Conversions

Conversions Part 2

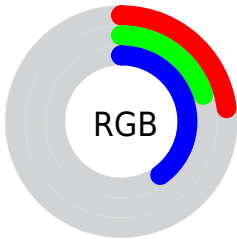
Format	Color
R_{YB}	59, 51, 102
Decimal	3879782
CIE _{Lab}	24.50, 17.47, -28.92
CIE _{LCh}	25, 33.786, 301.126
Yxy	4.2568, 0.2367, 0.1871
Android (android.graphics.Color)	4282069862 (0xFF3B3366)
YUV	59.2060, 21.0974, -0.1807
Hunter-Lab	20.6319, 10.4895, -23.2265

Details

The Hex color **3B3366** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E6633**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6D6199**, and **0C0737** is the 20% darker color. If you saturate the color by 10%, you get **322966**, and if you desaturate by 10%, it is **443D66**.

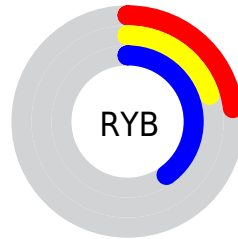
Distribution



 Red (23%)

 Green (20%)

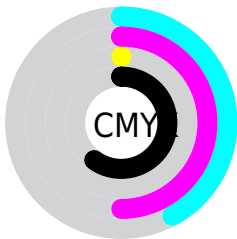
 Blue (40%)





 Red (23%)

 Yellow (20%)

 Blue (40%)

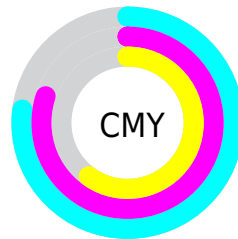


 Cyan (42%)


 Magenta (50%)

 Yellow (0%)

 Black (60%)



 Cyan (77%)

 Magenta (80%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3366 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 3B3366 by changing the saturation by 10% instead.



3B3366



3B3366

FFFFFF



231E4E



6D6199



0C0737



877AB4



000221



A294D0



000005



BDAFEC



000000



D9CAFF



F6E6FF



3B3366



3B3366



322966



443D66

■ 2A1F66

■ 4C4766

■ 211466

■ 555266

■ 190A66

■ 5D5C66

■ 100066

■ 666666

■ 6F7066

■ 777A66

■ 808566

■ 888F66

Harmonies

Analogous

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



003D6D



3B3366



592853

Triad

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



3B3366



5A2F0C



00463A

Complementary

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



3B3366



5E6633

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.



004420



3B3366



463900

Square

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



3B3366



662521



2C4009



004654

Rectangle

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



3B3366



642243



2C4009



004632

Sweetspot

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



3B3366



747185



335E66



383642



C2C2C2



424242

Same Dimension

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



3B3366



423585



543366



2F2E33



120073



2600F2

Inverse Universe

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



66335E



853578



456633



332E32



730061



F200CC

Previews

White Background



This preview shows how the Hex color 3B3366 looks on a white background.

Color Contrast Check

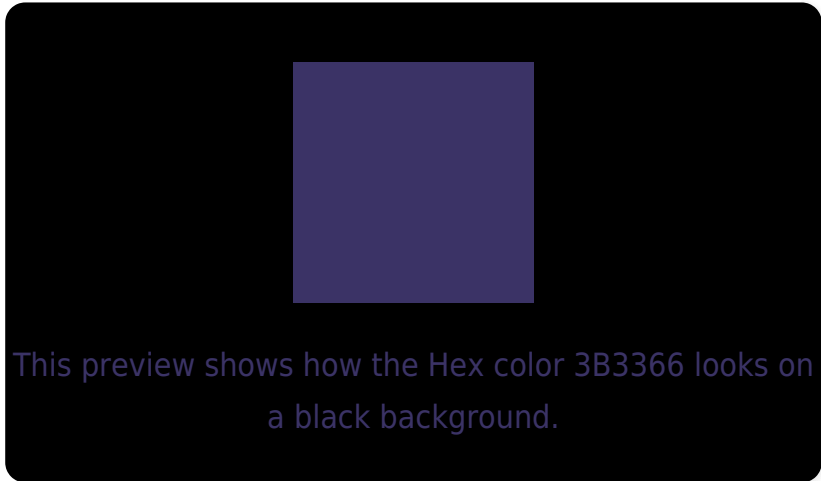
Large Text (above 18pt) WCAG AA ✓ Pass

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

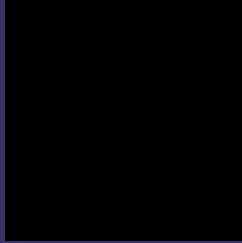
Any Text WCAG AA × Fail

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 3B3366 Background



This preview shows how black text looks on a background with the Hex color 3B3366.



This preview shows how white text looks on a background with the Hex color 3B3366.

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](#).

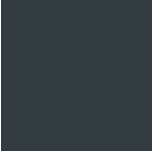
Dichromacy



Original Color
3B3366

Protanopia
20396C

Deuteranopia
1A3B64



Tritanopia
323C41

Trichromacy



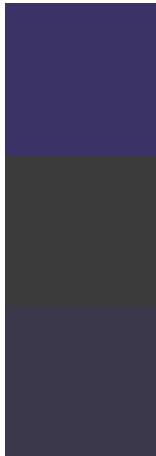
Original Color
3B3366

Protanomaly
2A376A

Deuteranomaly
263865

Tritanomaly
35394E

Monochromacy



Original Color
3B3366

Achromatopsia
3B3B3B

Achromatomaly
3B384B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3366 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 #3B3366 looks like.

```
.text, #text, p{  
    color:#3B3366  
}
```

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 #3B3366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3366
}
```

Border

The CSS property to change the border of an element to Hex 3B3366 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
#3B3366 }
```

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

```
.border{ border-color:#3B3366 }
```

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

Here you see how a box with a 4 pixel #3B3366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3366; -webkit-box-shadow:4px 4px  
4px 4px #3B3366; box-shadow:4px 4px 4px  
4px #3B3366 }
```

Background

The CSS property to change the background color of an element to Hex 3B3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3366 }
```

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

```
.background{ background-color:#3B3366 }
```

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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