Converting Colors

Hex(3B2366)

Have a look what the booklet for Hex(3B2366) contains.

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Color

Hex(3B2366)

Conversions

Conversions Part 1

Format	Color
Hex	3B2366
RGB	59, 35, 102
RGB Percent	23%, 14%, 40%
CMY	0.7686, 0.8627, 0.6000
CMYK	0.42, 0.66, 0.00, 0.60
HSL	261°, 49%, 27%
HSV	261°, 66%, 40%
XYZ	4.8029, 3.0912, 12.9139
YIQ	49.8140, -7.2030, 25.9250

Conversions

Conversions Part 2

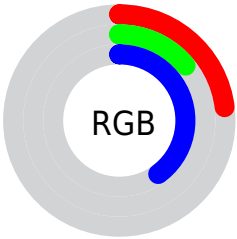
Format	Color
RYB	59, 35, 102
Decimal	3875686
CIELab	20.41, 27.93, -35.50
CIELCh	20, 45.169, 308.200
Yxy	3.0912, 0.2308, 0.1486
Android (android.graphics.Color)	4282065766 (0xFF3B2366)
YUV	49.8140, 25.7277, 8.0561
Hunter-Lab	17.5818, 17.9941, -31.2416

Details

The Hex color 3B2366 is a dark color, and the websafe version is hex 333366. A complement of this color would be 4E6623, and the grayscale version is 323232.

A 20% lighter version of the original color is 6E519A, and 100037 is the 20% darker color. If you saturate the color by 10%, you get 341966, and if you desaturate by 10%, it is 422D66.

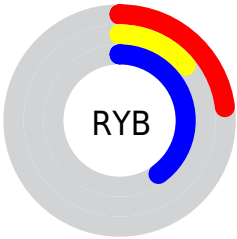
Distribution



Red (23%)

Green (14%)

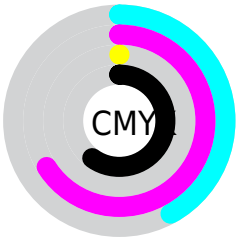
Blue (40%)



Red (23%)

Yellow (14%)

Blue (40%)

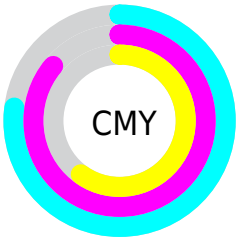


Cyan (42%)

Magenta (66%)

Yellow (0%)

Black (60%)



Cyan (77%)

Magenta (86%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B2366 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 3B2366 by changing the saturation by 10% instead.

3B2366	3B2366
FFFFFF	220D4E
6E519A	100037
8869B5	000220
A383D0	000004
BF9DED	000000
DBB8FF	
F8D4FF	
FFF0FF	

3B2366	3B2366

341966

2E0F66

270466

250066

422D66

483766

4F4266

554C66

5C5666

626066

696A66

6F7566

767F66

Harmonies

Analogous

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

003374

3B2366

5E0A4B

Triad

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

3B2366

512600

003F3A

Complementary

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

3B2366

4E6623

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.

003D17

3B2366

363300

Square

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

3B2366

631107

103A00

003F5A

Rectangle

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

3B2366

680035

103A00

003F2E

Sweetspot

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

3B2366

746A85

234F66

383242

C2C2C2

424242

Same Dimension

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

3B2366

411C85

5C2366

302E33

290073

5700F2

Inverse Universe

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

66234E

851C5F

2D6623

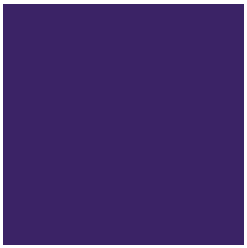
332E31

73004A

F2009B

Previews

White Background

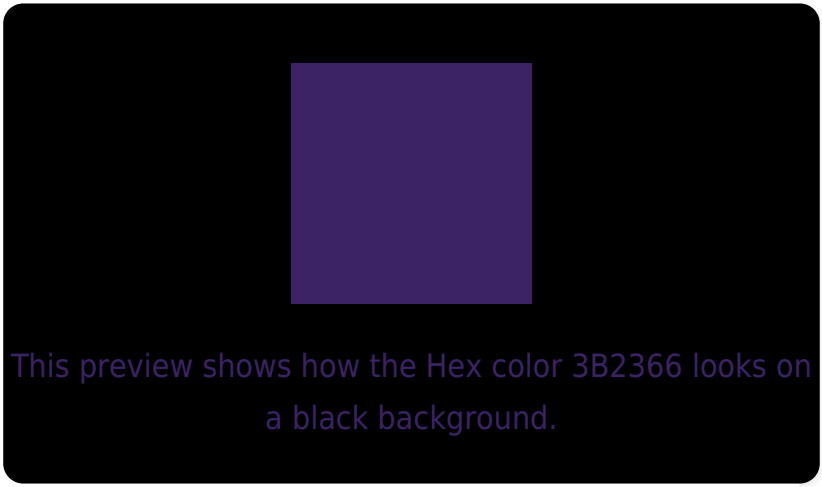


This preview shows how the Hex color 3B2366 looks on a white background.

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

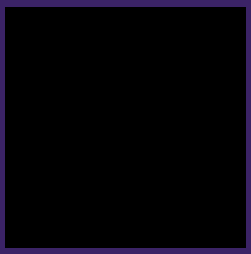


Color Contrast Check

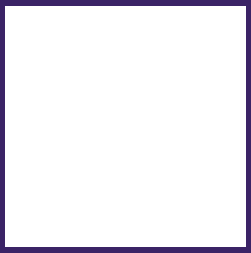
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 3B2366 Background



This preview shows how black text looks on a background with the Hex color 3B2366.



This preview shows how white text looks on a background with the Hex color 3B2366.

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
3B2366

Protanopia
003066

Deuteranopia
003358

Tritanopia
303236

Trichromacy

Original Color
3B2366

Protanomaly
152B66

Deuteranomaly
152D5D

Tritanomaly
342D47

Monochromacy

Original Color
3B2366

Achromatopsia
323232

Achromatomaly
352D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B2366 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 #3B2366 looks like.

```
.text, #text, p{
    color:#3B2366
}
```

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 #3B2366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B2366
}
```

Border

The CSS property to change the border of an element to Hex 3B2366 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
#3B2366 }
```

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

```
.border{ border-color:#3B2366 }
```

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

Here you see how a box with a 4 pixel #3B2366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #3B2366; -webkit-box-shadow:4px 4px 4px 4px #3B2366; box-shadow:4px 4px 4px 4px #3B2366 }
```

Background

The CSS property to change the background color of an element to Hex 3B2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#3B2366 }
```

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

```
.background{ background-color:#3B2366 }
```

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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