

Converting Colors

Hex(3D386B)

Have a look what the booklet for
Hex(3D386B) contains.

Hex(3D386B)	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(3D386B)

Conversions

Conversions Part 1

Format	Color
Hex	3D386B
RGB	61, 56, 107
RGB Percent	24%, 22%, 42%
CMY	0.7608, 0.7804, 0.5804
CMYK	0.43, 0.48, 0.00, 0.58
HSL	246°, 31%, 32%
HSV	246°, 48%, 42%
XYZ	5.9925, 4.8820, 14.5364
YIQ	63.3090, -13.3910, 16.9210

Conversions

Conversions Part 2

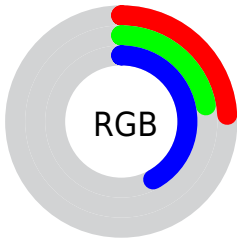
Format	Color
R_{YB}	61, 56, 107
Decimal	4012139
CIE _{Lab}	26.40, 16.26, -29.12
CIE _{LCh}	26, 33.355, 299.180
Yxy	4.8820, 0.2358, 0.1921
Android (android.graphics.Color)	4282202219 (0xFF3D386B)
YUV	63.3090, 21.5397, -2.0250
Hunter-Lab	22.0952, 9.7447, -23.5401

Details

The Hex color **3D386B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **666B38**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6F679F**, and **0B0E3B** is the 20% darker color. If you saturate the color by 10%, you get **332D6B**, and if you desaturate by 10%, it is **47436B**.

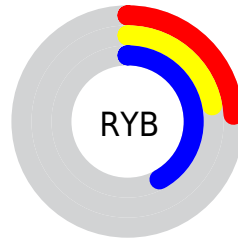
Distribution



Red (24%)

Green (22%)

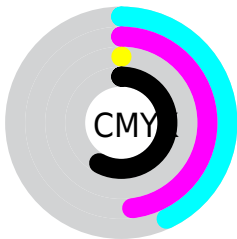
Blue (42%)



Red (24%)

Yellow (22%)

Blue (42%)

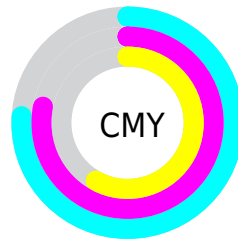


Cyan (43%)

Magenta (48%)

Yellow (0%)

Black (58%)



Cyan (76%)

Magenta (78%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D386B 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 3D386B by changing the saturation by 10% instead.

■ 3D386B

■ 3D386B

FFFFFF

■ 252353

■ 6F679F

■ 0B0E3B

■ 8980BA

■ 000225

■ A49AD6

■ 00010D

■ C0B5F2

■ 000000

■ DCD0FF

■ F9EDFF

■ 3D386B

■ 3D386B

■ 332D6B

■ 47436B

■ 2A236B

■ 504D6B

■ 20186B

■ 5A586B

■ 160D6B

■ 64636B

■ 0D036B

■ 6D6E6B

■ 0A006B

■ 77786B

■ 81836B

■ 8A8E6B

■ 94986B

Harmonies

Analogous

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



004271



3D386B



5C2D59

Triad

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



3D386B



5F3312



004A3D

Complementary

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



3D386B



666B38

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.



0B4823



3D386B



4C3D05

Square

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



3D386B



6B2927



33440E



004A57

Rectangle

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



3D386B



682749



33440E



004A34

Sweetspot

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



3D386B



7B798C



38676B



3C3B47



C7C7C7



474747

Same Dimension

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



3D386B



443C8C



56386B



313036



0B0075



1800F5

Inverse Universe

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



6B3866



8C3C84



4D6B38



363035



75006A



F500DD

Previews

White Background



This preview shows how the Hex color 3D386B looks on a white background.

Color Contrast Check

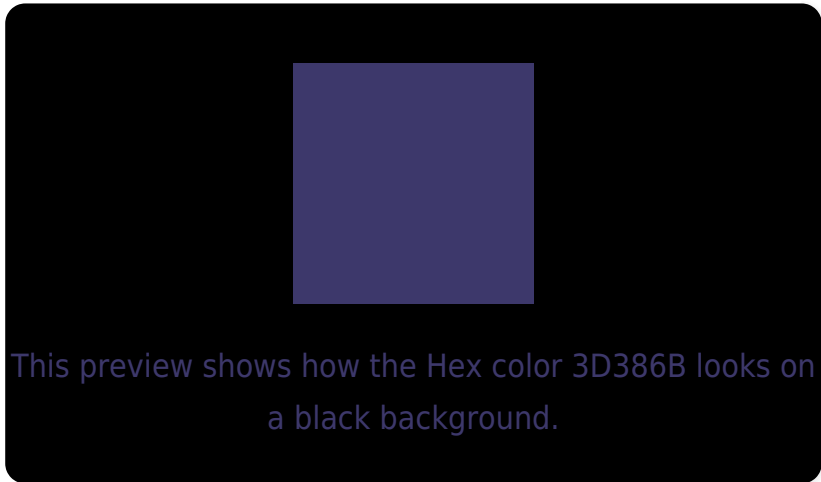
Large Text (above 18pt) WCAG AA ✓ Pass

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

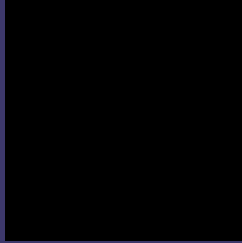
Any Text WCAG AA × Fail

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 3D386B Background



This preview shows how black text looks on a background with the Hex color 3D386B.



This preview shows how white text looks on a background with the Hex color 3D386B.

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](#).

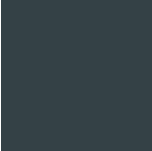
Dichromacy



Original Color
3D386B

Protanopia
263D70

Deuteranopia
203F69



Tritanopia
344146

Trichromacy



Original Color
3D386B

Protanomaly
2E3B6E

Deuteranomaly
2B3C6A

Tritanomaly
373E53

Monochromacy



Original Color
3D386B

Achromatopsia
3F3F3F

Achromatomaly
3E3C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D386B 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 #3D386B looks like.

```
.text, #text, p{  
    color:#3D386B  
}
```

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 #3D386B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D386B
}
```

Border

The CSS property to change the border of an element to Hex 3D386B 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
#3D386B }
```

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

```
.border{ border-color:#3D386B }
```

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

Here you see how a box with a 4 pixel #3D386B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D386B; -webkit-box-shadow:4px 4px  
4px 4px #3D386B; box-shadow:4px 4px 4px  
4px #3D386B }
```

Background

The CSS property to change the background color of an element to Hex 3D386B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D386B }
```

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

```
.background{ background-color:#3D386B }
```

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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