

Converting Colors

Hex(3A3057)

Have a look what the booklet for
Hex(3A3057) contains.

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Color

Hex(3A3057)

Conversions

Conversions Part 1

Format	Color
Hex	3A3057
RGB	58, 48, 87
RGB Percent	23%, 19%, 34%
CMY	0.7725, 0.8118, 0.6588
CMYK	0.33, 0.45, 0.00, 0.66
HSL	255°, 29%, 26%
HSV	255°, 45%, 34%
XYZ	4.5222, 3.7016, 9.4930
YIQ	55.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

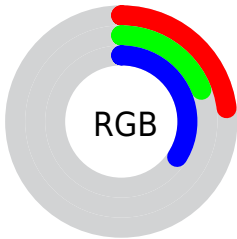
Format	Color
R_{YB}	58, 48, 87
Decimal	3813463
CIE Lab	22.66, 14.54, -22.03
CIE LCh	23, 26.398, 303.432
Yxy	3.7016, 0.2552, 0.2089
Android (android.graphics.Color)	4282003543 (0xFF3A3057)
YUV	55.4360, 15.5611, 2.2486
Hunter-Lab	19.2395, 8.2868, -15.7867

Details

The Hex color **3A3057** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D5730**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6A5E89**, and **100129** is the 20% darker color. If you saturate the color by 10%, you get **342757**, and if you desaturate by 10%, it is **403957**.

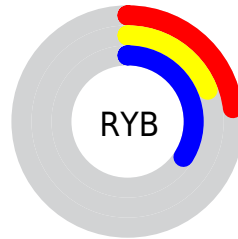
Distribution



Red (23%)

Green (19%)

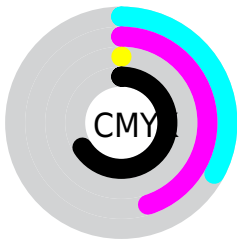
Blue (34%)



Red (23%)

Yellow (19%)

Blue (34%)

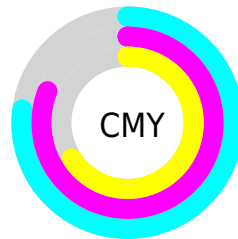


Cyan (33%)

Magenta (45%)

Yellow (0%)

Black (66%)



Cyan (77%)

Magenta (81%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3057 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 3A3057 by changing the saturation by 10% instead.

■ 3A3057

■ 3A3057

FFFFFF

■ 231B40

■ 6A5E89

■ 100129

■ 8477A3

■ 000114

■ 9E91BF

■ 000000

■ BAABDB

■ D6C6F7

■ F2E2FF

■ 3A3057

■ 3A3057

■ 342757

■ 403957

■ 2D1F57

■ 474157

■ 271657

■ 4D4A57

■ 200D57

■ 545357

■ 1A0457

■ 5A5C57

■ 160057

■ 616457

■ 676D57

■ 6E7657

■ 747E57

Harmonies

Analogous

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



11385D



3A3057



502848

Triad

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



3A3057



4F2F13



004038

Complementary

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



3A3057



4D5730

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.



0D3E24



3A3057



3F360C

Square

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



3A3057



592822



2B3B13



003F4B

Rectangle

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



3A3057



58253B



2B3B13



004031

Sweetspot

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



3A3057



656270



304D57



312F38



B8B8B8



383838

Same Dimension

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



3A3057



433470



4D3057



28272B



1B006B



3C00EB

Inverse Universe

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



57304D



703461



3A5730



2B272A



6B0050



EB00AE

Previews

White Background



This preview shows how the Hex color 3A3057 looks on a white background.

Color Contrast Check

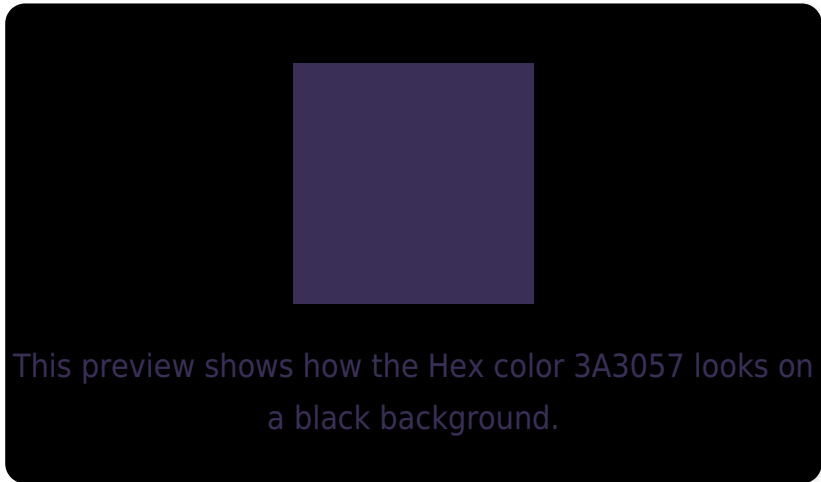
Large Text (above 18pt) WCAG AA ✓ Pass

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

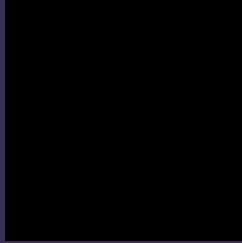
Any Text WCAG AA × Fail

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 3A3057 Background



This preview shows how black text looks on a background with the Hex color 3A3057.



This preview shows how white text looks on a background with the Hex color 3A3057.

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
3A3057

Protanopia
26355C

Deuteranopia
253656



Tritanopia
34363B

Trichromacy



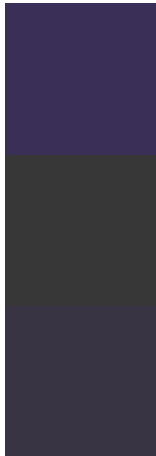
Original Color
3A3057

Protanomaly
2D335A

Deuteranomaly
2D3456

Tritanomaly
363445

Monochromacy



Original Color
3A3057

Achromatopsia
373737

Achromatomaly
383443

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3057 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 #3A3057 looks like.

```
.text, #text, p{  
    color:#3A3057  
}
```

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 #3A3057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3057
}
```

Border

The CSS property to change the border of an element to Hex 3A3057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

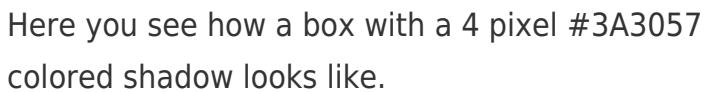
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3057 }
```

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

```
.border{ border-color:#3A3057 }
```

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



Here you see how a box with a 4 pixel `#3A3057` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3057; -webkit-box-shadow:4px 4px  
4px 4px #3A3057; box-shadow:4px 4px 4px  
4px #3A3057 }
```

Background

The CSS property to change the background color of an element to Hex 3A3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3057 }
```

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

```
.background{ background-color:#3A3057 }
```

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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