

Converting Colors

Hex(3A326A)

Have a look what the booklet for
Hex(3A326A) contains.

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Color

Hex(3A326A)

Conversions

Conversions Part 1

Format	Color
Hex	3A326A
RGB	58, 50, 106
RGB Percent	23%, 20%, 42%
CMY	0.7725, 0.8039, 0.5843
CMYK	0.45, 0.53, 0.00, 0.58
HSL	249°, 36%, 31%
HSV	249°, 53%, 42%
XYZ	5.4870, 4.2214, 14.1613
YIQ	58.7760, -13.2080, 19.1120

Conversions

Conversions Part 2

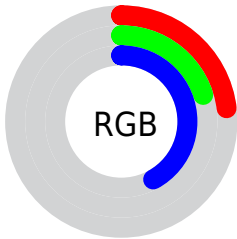
Format	Color
RYB	58, 50, 106
Decimal	3813994
CIELab	24.39, 19.15, -31.69
CIELCh	24, 37.028, 301.138
Yxy	4.2214, 0.2299, 0.1769
Android (android.graphics.Color)	4282004074 (0xFF3A326A)
YUV	58.7760, 23.2814, -0.6806
Hunter-Lab	20.5459, 11.7152, -26.4835

Details

The Hex color **3A326A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **626A32**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6C609E**, and **08063A** is the 20% darker color. If you saturate the color by 10%, you get **31276A**, and if you desaturate by 10%, it is **433D6A**.

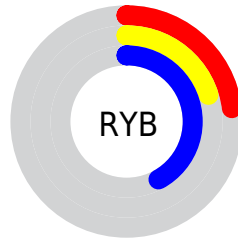
Distribution



Red (23%)

Green (20%)

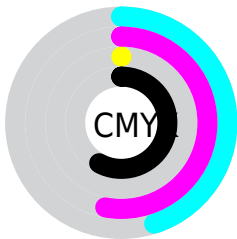
Blue (42%)



Red (23%)

Yellow (20%)

Blue (42%)

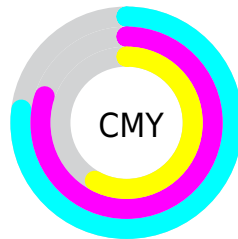


Cyan (45%)

Magenta (53%)

Yellow (0%)

Black (58%)



Cyan (77%)

Magenta (80%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A326A 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 3A326A by changing the saturation by 10% instead.



3A326A



3A326A

FFFFFF



211D51



6C609E



08063A



8679B9



000224



A193D5



00000C



BDAEF1



000000



D9C9FF



F6E5FF



3A326A



3A326A



31276A



433D6A

■ 281D6A

■ 4C476A

■ 1F126A

■ 55526A

■ 16086A

■ 5E5C6A

■ 0F006A

■ 67676A

■ 71726A

■ 7A7C6A

■ 83876A

■ 8C916A

Harmonies

Analogous

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



003D72



3A326A



5C2555

Triad

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



3A326A



5C2E05



00473A

Complementary

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



3A326A



626A32

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.



00451D



3A326A



463900

Square

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



3A326A



69221F



2A4102



004656

Rectangle

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



3A326A



671E43



2A4102



004630

Sweetspot

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



3A326A



77748A



32636A



3A3845



C4C4C4



454545

Same Dimension

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



3A326A



3F338A



55326A



313036



110075



2300F5

Inverse Universe

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



6A3262



8A337D



476A32



363035



750065



F500D2

Previews

White Background



This preview shows how the Hex color 3A326A looks on a white background.

Color Contrast Check

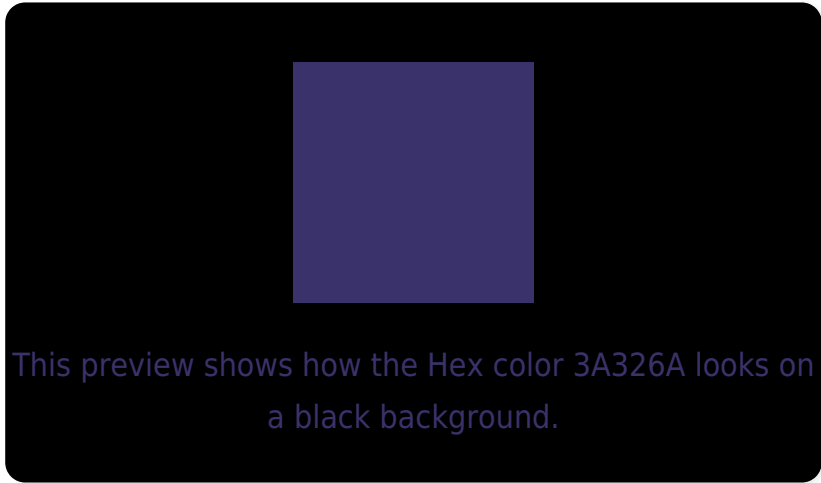
Large Text (above 18pt) WCAG AA ✓ Pass

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

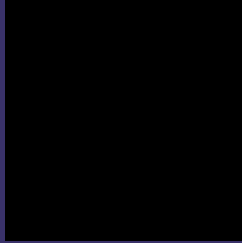
Any Text WCAG AA × Fail

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 3A326A Background



This preview shows how black text looks on a background with the Hex color 3A326A.



This preview shows how white text looks on a background with the Hex color 3A326A.

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
3A326A

Protanopia
193870

Deuteranopia
0D3B68



Tritanopia
2F3C41

Trichromacy



Original Color
3A326A

Protanomaly
25366E

Deuteranomaly
1D3869

Tritanomaly
333850

Monochromacy



Original Color
3A326A

Achromatopsia
3B3B3B

Achromatomaly
3B384C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A326A 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 #3A326A looks like.

```
.text, #text, p{  
    color:#3A326A  
}
```

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 #3A326A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A326A
}
```

Border

The CSS property to change the border of an element to Hex 3A326A is called "border". The border property can be set on classes, ids or directly on the HTML element.

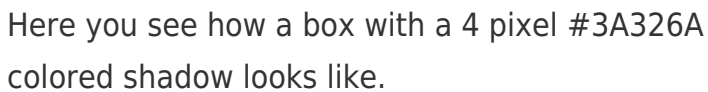
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A326A }
```

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

```
.border{ border-color:#3A326A }
```

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



Here you see how a box with a 4 pixel #3A326A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A326A; -webkit-box-shadow:4px 4px  
4px 4px #3A326A; box-shadow:4px 4px 4px  
4px #3A326A }
```

Background

The CSS property to change the background color of an element to Hex 3A326A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A326A }
```

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

```
.background{ background-color:#3A326A }
```

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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