

Converting Colors

Hex(3A2B66)

Have a look what the booklet for
Hex(3A2B66) contains.

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Color

Hex(3A2B66)

Conversions

Conversions Part 1

Format	Color
Hex	3A2B66
RGB	58, 43, 102
RGB Percent	23%, 17%, 40%
CMY	0.7725, 0.8314, 0.6000
CMYK	0.43, 0.58, 0.00, 0.60
HSL	255°, 41%, 28%
HSV	255°, 58%, 40%
XYZ	5.0071, 3.5866, 12.9988
YIQ	54.2110, -9.9990, 21.5290

Conversions

Conversions Part 2

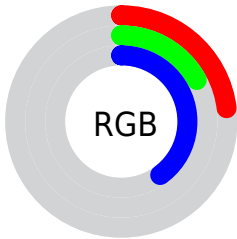
Format	Color
R_{YB}	58, 43, 102
Decimal	3812198
CIE _{Lab}	22.25, 22.54, -32.52
CIE _{LCh}	22, 39.572, 304.729
Yxy	3.5866, 0.2319, 0.1661
Android (android.graphics.Color)	4282002278 (0xFF3A2B66)
YUV	54.2110, 23.5600, 3.3230
Hunter-Lab	18.9383, 14.0512, -27.4382

Details

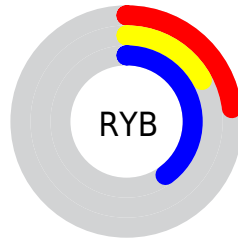
The Hex color **3A2B66** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **57662B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6C599A**, and **0D0037** is the 20% darker color. If you saturate the color by 10%, you get **322166**, and if you desaturate by 10%, it is **423566**.

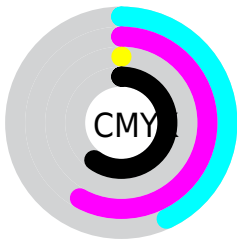
Distribution



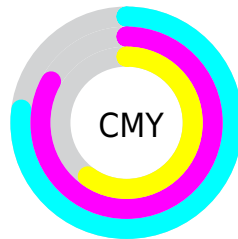
- Red (23%)
- Green (17%)
- Blue (40%)



- Red (23%)
- Yellow (17%)
- Blue (40%)



- Cyan (43%)
- Magenta (58%)
- Yellow (0%)
- Black (60%)



- Cyan (77%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2B66 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 3A2B66 by changing the saturation by 10% instead.



3A2B66



3A2B66

FFFFFF



21164E



6C599A



0D0037



8672B5



000220



A18BD0



000005



BDA6ED



000000



D9C1FF



F6DDFF



FFF9FF



3A2B66



3A2B66

■ 322166

■ 423566

■ 2B1766

■ 493F66

■ 230C66

■ 514A66

■ 1C0266

■ 585466

■ 1A0066

■ 605E66

■ 686866

■ 6F7266

■ 777D66

■ 7E8766

Harmonies

Analogous

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



003770



3A2B66



5B1B4F

Triad

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



3A2B66



562A00



004239

Complementary

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



3A2B66



57662B

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.



00411A



3A2B66



3E3500

Square

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



3A2B66



651B15



1F3D00



004256

Rectangle

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



3A2B66



66133C



1F3D00



00422F

Sweetspot

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



3A2B66



746E85



2B5766



383542



C2C2C2



424242

Same Dimension

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



3A2B66



402985



572B66



2F2E33



1D0073



3E00F2

Inverse Universe

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



662B57



85296D



3A662B



332E32



730056



F200B5

Previews

White Background



This preview shows how the Hex color 3A2B66 looks on a white background.

Color Contrast Check

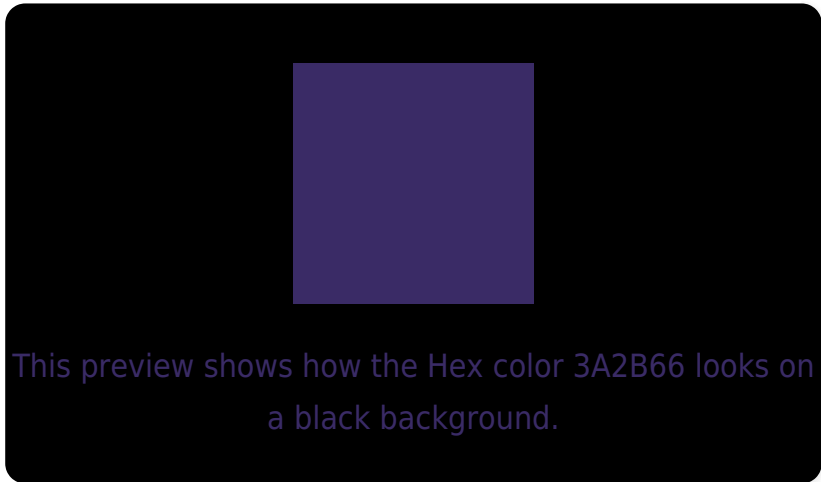
Large Text (above 18pt) WCAG AA ✓ Pass

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

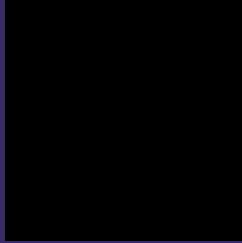
Any Text WCAG AA × Fail

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 3A2B66 Background



This preview shows how black text looks on a background with the Hex color 3A2B66.

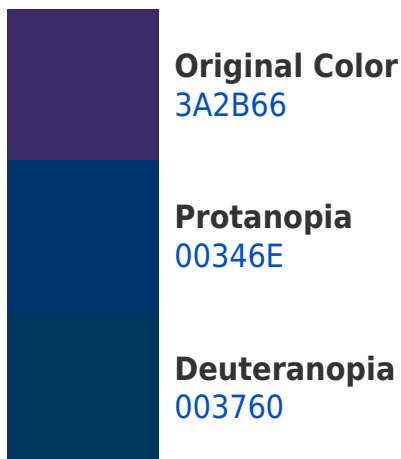


This preview shows how white text looks on a background with the Hex color 3A2B66.

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





Tritanopia
2F373B

Trichromacy



Original Color
3A2B66

Protanomaly
15316B

Deuteranomaly
153362

Tritanomaly
33334B

Monochromacy



Original Color
3A2B66

Achromatopsia
363636

Achromatomaly
373247

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2B66 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 #3A2B66 looks like.

```
.text, #text, p{  
    color:#3A2B66  
}
```

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 #3A2B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2B66  
}
```

Border

The CSS property to change the border of an element to Hex 3A2B66 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  
#3A2B66 }
```

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

```
.border{ border-color:#3A2B66 }
```

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

Here you see how a box with a 4 pixel #3A2B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2B66; -webkit-box-shadow:4px 4px  
4px 4px #3A2B66; box-shadow:4px 4px 4px  
4px #3A2B66 }
```

Background

The CSS property to change the background color of an element to Hex 3A2B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2B66 }
```

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

```
.background{ background-color:#3A2B66 }
```

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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