

Converting Colors

Hex(3A2265)

Have a look what the booklet for
Hex(3A2265) contains.

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Color

Hex(3A2265)

Conversions

Conversions Part 1

Format	Color
Hex	3A2265
RGB	58, 34, 101
RGB Percent	23%, 13%, 40%
CMY	0.7725, 0.8667, 0.6039
CMYK	0.43, 0.66, 0.00, 0.60
HSL	261°, 50%, 26%
HSV	261°, 66%, 40%
XYZ	4.6659, 2.9832, 12.6418
YIQ	48.8140, -7.2030, 25.9250

Conversions

Conversions Part 2

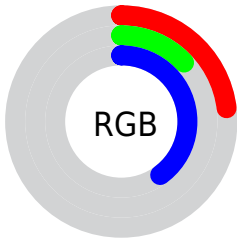
Format	Color
R_{YB}	58, 34, 101
Decimal	3809893
CIE _{Lab}	19.98, 28.01, -35.54
CIE _{LCh}	20, 45.250, 308.239
Yxy	2.9832, 0.2300, 0.1470
Android (android.graphics.Color)	4281999973 (0xFF3A2265)
YUV	48.8140, 25.7277, 8.0561
Hunter-Lab	17.2719, 17.9951, -31.3058

Details

The Hex color **3A2265** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D6522**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6D5099**, and **100036** is the 20% darker color. If you saturate the color by 10%, you get **341865**, and if you desaturate by 10%, it is **402C65**.

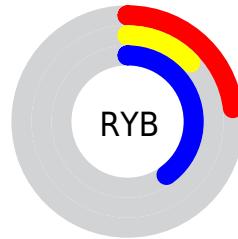
Distribution



Red (23%)

Green (13%)

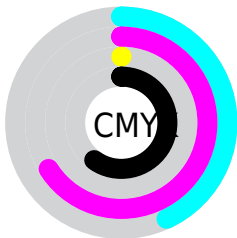
Blue (40%)



Red (23%)

Yellow (13%)

Blue (40%)

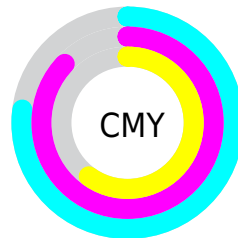


Cyan (43%)

Magenta (66%)

Yellow (0%)

Black (60%)



Cyan (77%)

Magenta (87%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2265 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 3A2265 by changing the saturation by 10% instead.



3A2265



3A2265

FFFFFF



210C4D



6D5099



100036



8768B4



00021F



A282CF



000002



BE9CEC



000000



DAB7FF



F7D3FF



FFEEFF



3A2265



3A2265

■ 341865

■ 402C65

■ 2D0E65

■ 473665

■ 270465

■ 4D4065

■ 240065

■ 544A65

■ 5A5565

■ 615F65

■ 676965

■ 6E7365

■ 747D65

Harmonies

Analogous

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



003273



3A2265



5D084A

Triad

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



3A2265



4F2500



003E39

Complementary

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



3A2265



4D6522

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.



003C16



3A2265



353200

Square

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



3A2265



621005



0F3900



003E59

Rectangle

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



3A2265



670034



0F3900



003E2D

Sweetspot

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



3A2265



716882



224E65



383242



C2C2C2



424242

Same Dimension

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



3A2265



3F1A82



5B2265



302E33



290073



5700F2

Inverse Universe

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



65224D



821A5D



2C6522



332E31



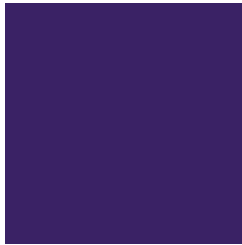
73004A



F2009B

Previews

White Background



This preview shows how the Hex color 3A2265 looks on a white background.

Color Contrast Check

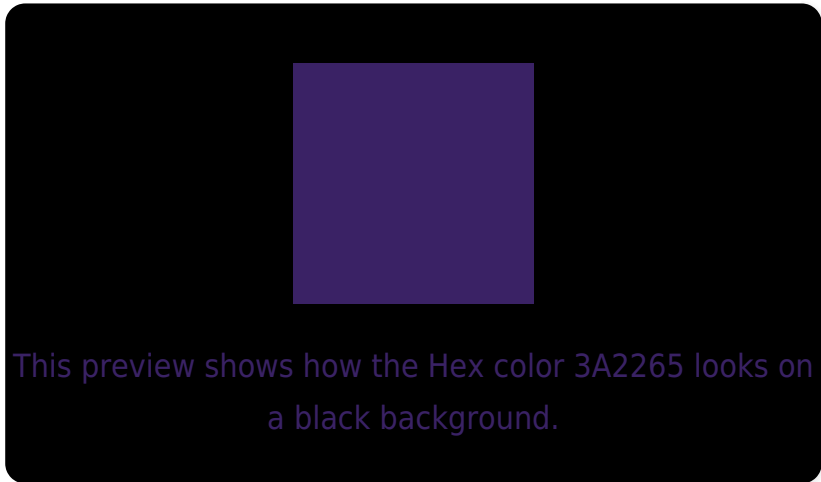
Large Text (above 18pt) WCAG AA ✓ Pass

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

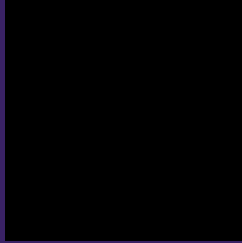
Any Text WCAG AA × Fail

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 3A2265 Background



This preview shows how black text looks on a background with the Hex color 3A2265.



This preview shows how white text looks on a background with the Hex color 3A2265.

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
3A2265

Protanopia
002F64

Deuteranopia
003257



Tritanopia
2F3135

Trichromacy



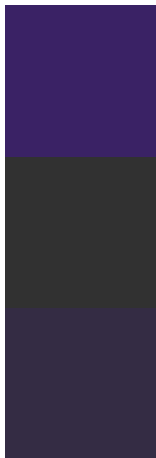
Original Color
3A2265

Protanomaly
152A64

Deuteranomaly
152C5C

Tritanomaly
332C46

Monochromacy



Original Color
3A2265

Achromatopsia
313131

Achromatomaly
342C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2265 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 #3A2265 looks like.

```
.text, #text, p{  
    color:#3A2265  
}
```

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 #3A2265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2265
}
```

Border

The CSS property to change the border of an element to Hex 3A2265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

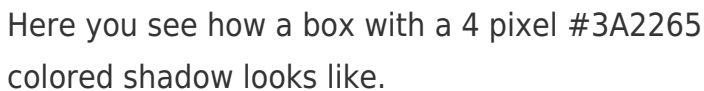
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2265 }
```

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

```
.border{ border-color:#3A2265 }
```

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



Here you see how a box with a 4 pixel #3A2265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2265; -webkit-box-shadow:4px 4px  
4px 4px #3A2265; box-shadow:4px 4px 4px  
4px #3A2265 }
```

Background

The CSS property to change the background color of an element to Hex 3A2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2265 }
```

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

```
.background{ background-color:#3A2265 }
```

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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