

Converting Colors

Hex(3A2343)

Have a look what the booklet for
Hex(3A2343) contains.

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Color

Hex(3A2343)

Conversions

Conversions Part 1	
Format	Color
Hex	3A2343
RGB	58, 35, 67
RGB Percent	23%, 14%, 26%
CMY	0.7725, 0.8627, 0.7373
CMYK	0.13, 0.48, 0.00, 0.74
HSL	283°, 31%, 20%
HSV	283°, 48%, 26%
XYZ	3.3591, 2.5069, 5.6170
YIQ	45.5250, 3.4360, 14.8280

Conversions

Conversions Part 2

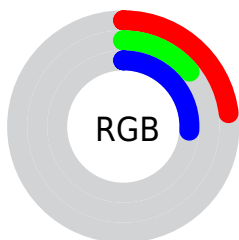
Format	Color
RYB	58, 35, 67
Decimal	3810115
CIELab	17.95, 17.75, -15.92
CIELCh	18, 23.842, 318.111
Yxy	2.5069, 0.2925, 0.2183
Android (android.graphics.Color)	4282000195 (0xFF3A2343)
YUV	45.5250, 10.5872, 10.9406
Hunter-Lab	15.8330, 10.1620, -9.9509

Details

The Hex color **3A2343** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2C4323**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6A5073**, and **090018** is the 20% darker color. If you saturate the color by 10%, you get **381C43**, and if you desaturate by 10%, it is **3C2A43**.

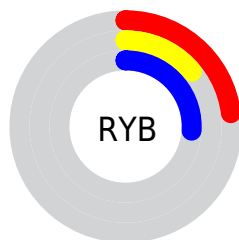
Distribution



Red (23%)

Green (14%)

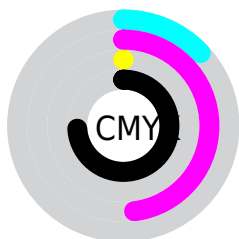
Blue (26%)



Red (23%)

Yellow (14%)

Blue (26%)

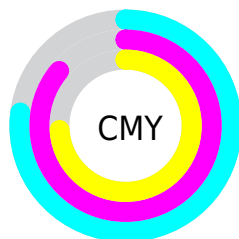


Cyan (13%)

Magenta (48%)

Yellow (0%)

Black (74%)



Cyan (77%)

Magenta (86%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2343 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 3A2343 by changing the saturation by 10% instead.

 3A2343

 3A2343

FFFFFF

 240E2D

 6A5073

 090018

 83688D

 000000

 9E82A7

 B99CC2

 D5B7DE

 F1D2FB

 FFEFFF

 3A2343

 3A2343

 381C43

 3C2A43

 361643

 3E3043

 340F43

 403743

 320843

 423E43

 310243

 434543

 300043

 454B43

 475243

 495943

 4B5F43

Harmonies

Analogous

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



202A4D



3A2343



481D33

Triad

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



3A2343



3B2907



003436

Complementary

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



3A2343



2C4323

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.



003424



3A2343



2B2E07

Square

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



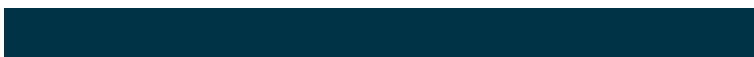
3A2343



462213



173214



003345

Rectangle

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



3A2343



4B1C28



173214



003430

Sweetspot

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



3A2343



534B57



232C43



29242B



ABABAB



2B2B2B

Same Dimension

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



3A2343



492557



43233C



201E21



460061



A100E0

Inverse Universe

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



43232C



572533



23432A



211E1F



61001B



E0003F

Previews

White Background



This preview shows how the Hex color 3A2343 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



This preview shows how the Hex color 3A2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

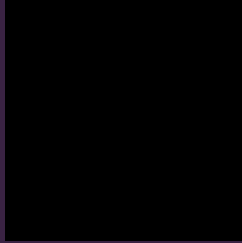
Any Text WCAG AA × Fail

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 3A2343 Background



This preview shows how black text looks on a background with the Hex color 3A2343.



This preview shows how white text looks on a background with the Hex color 3A2343.

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

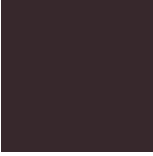
3A2343

Protanopia

1F2B4A

Deuteranopia





232C41






Tritanopia

37282C

Trichromacy

	Original Color 3A2343
	Protanomaly 292847
	Deuteranomaly 2B2942
	Tritanomaly 382634

Monochromacy

	Original Color 3A2343
	Achromatopsia 2E2E2E
	Achromatomaly 322A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2343 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 #3A2343 looks like.

```
.text, #text, p{  
    color:#3A2343  
}
```

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 #3A2343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2343
}
```

Border

The CSS property to change the border of an element to Hex 3A2343 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
#3A2343 }
```

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

```
.border{ border-color:#3A2343 }
```

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

Here you see how a box with a 4 pixel #3A2343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2343; -webkit-box-shadow:4px 4px  
4px 4px #3A2343; box-shadow:4px 4px 4px  
4px #3A2343 }
```

Background

The CSS property to change the background color of an element to Hex 3A2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2343 }
```

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

```
.background{ background-color:#3A2343 }
```

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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