

Converting Colors

Hex(3A0583)

Have a look what the booklet for
Hex(3A0583) contains.

Hex(3A0583)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A0583)

Conversions

Conversions Part 1

Format	Color
Hex	3A0583
RGB	58, 5, 131
RGB Percent	23%, 2%, 51%
CMY	0.7725, 0.9804, 0.4863
CMYK	0.56, 0.96, 0.00, 0.49
HSL	265°, 93%, 27%
HSV	265°, 96%, 51%
XYZ	5.8959, 2.6468, 21.6729
YIQ	35.2110, -8.8580, 50.4220

Conversions

Conversions Part 2

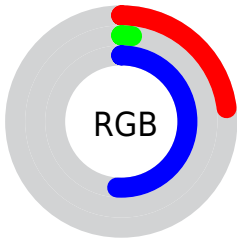
Format	Color
RYB	58, 5, 131
Decimal	3802499
CIELab	18.57, 48.92, -57.17
CIELCh	19, 75.245, 310.553
Yxy	2.6468, 0.1951, 0.0876
Android (android.graphics.Color)	4281992579 (0xFF3A0583)
YUV	35.2110, 47.2240, 19.9860
Hunter-Lab	16.2689, 36.2186, -67.5958




Details

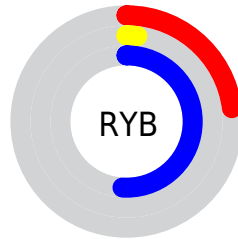
The Hex color **3A0583** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4E8305**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **733CB9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **370083**, and if you desaturate by 10%, it is **421283**.

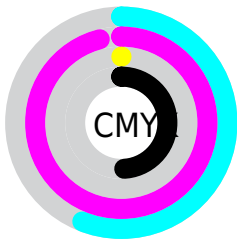
Distribution







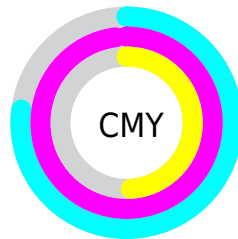
-  Red (23%)
-  Green (2%)
-  Blue (51%)






-  Red (23%)
-  Yellow (2%)
-  Blue (51%)



-  Cyan (56%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (77%)
-  Magenta (98%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0583 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 3A0583 by changing the saturation by 10% instead.

 3A0583

 3A0583

 FFFAFF

 190069

 733CB9

 000050

 8F56D5

 000538

 AB6FF2

 000222

 C88AFF

 000007

 E5A5FF

 000000

 FFC1FF

 FFDDFF

 3A0583

 3A0583

■ 370083

■ 421283

■ 491F83

■ 512C83

■ 583983

■ 604683

■ 685483

■ 6F6183

■ 776E83

■ 7E7B83

Harmonies

Analogous

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



00329D



3A0583



760053

Triad

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



3A0583



541B00



003F40

Complementary

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



3A0583



4E8305

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.



003E00



3A0583



273200

Square

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



3A0583



740000



003A00



004075

Rectangle

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



3A0583



82002F



003A00



003F2D

Sweetspot

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



3A0583



8E79AB



054F83



453857



D6D6D6



575757

Same Dimension

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



3A0583



4800AB



780583



3E3C42



370082



010003

Inverse Universe

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



83054E



AB0063



108305



423C40



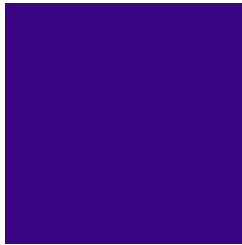
82004B



030001

Previews

White Background



This preview shows how the Hex color 3A0583 looks on a white background.

Color Contrast Check

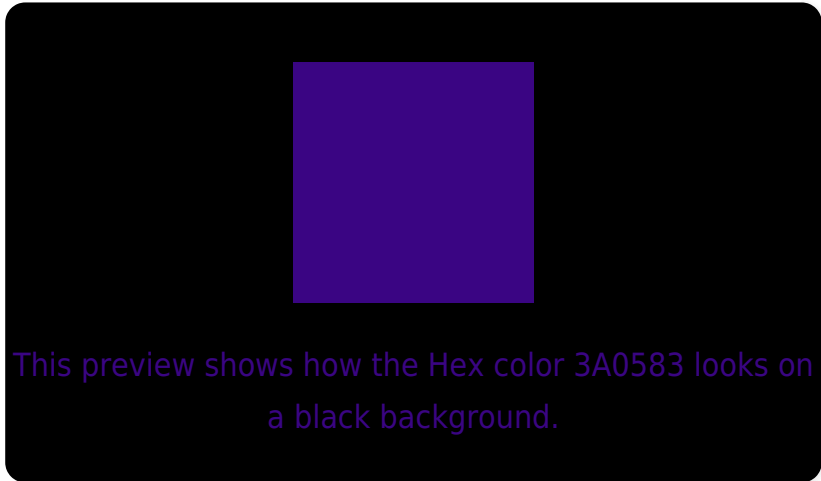
Large Text (above 18pt) WCAG AA ✓ Pass

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

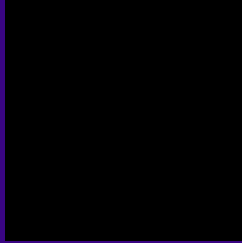
Any Text WCAG AA × Fail

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 3A0583 Background



This preview shows how black text looks on a background with the Hex color 3A0583.



This preview shows how white text looks on a background with the Hex color 3A0583.

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](#).

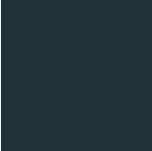
Dichromacy



Original Color
3A0583

Protanopia
002E61

Deuteranopia
003153



Tritanopia
1F3337

Trichromacy



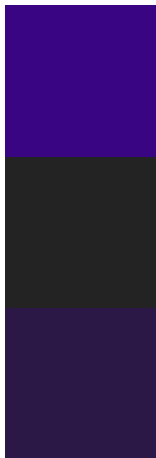
Original Color
3A0583

Protanomaly
151F6D

Deuteranomaly
152164

Tritanomaly
292253

Monochromacy



Original Color
3A0583

Achromatopsia
232323

Achromatomaly
2B1846

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0583 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 #3A0583 looks like.

```
.text, #text, p{  
    color:#3A0583  
}
```

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 #3A0583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0583
}
```

Border

The CSS property to change the border of an element to Hex 3A0583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

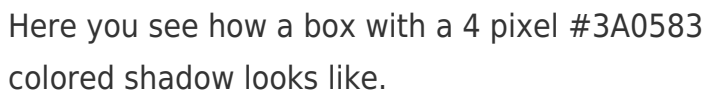
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0583 }
```

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

```
.border{ border-color:#3A0583 }
```

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



Here you see how a box with a 4 pixel #3A0583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0583; -webkit-box-shadow:4px 4px  
4px 4px #3A0583; box-shadow:4px 4px 4px  
4px #3A0583 }
```

Background

The CSS property to change the background color of an element to Hex 3A0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0583 }
```

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

```
.background{ background-color:#3A0583 }
```

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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