

Converting Colors

Hex(3A0E5F)

Have a look what the booklet for
Hex(3A0E5F) contains.

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Color

Hex(3A0E5F)

Conversions

Conversions Part 1

Format	Color
Hex	3A0E5F
RGB	58, 14, 95
RGB Percent	23%, 5%, 37%
CMY	0.7725, 0.9451, 0.6275
CMYK	0.39, 0.85, 0.00, 0.63
HSL	273°, 74%, 21%
HSV	273°, 85%, 37%
XYZ	3.9675, 2.0398, 11.0111
YIQ	36.3900, 0.2230, 34.5190

Conversions

Conversions Part 2

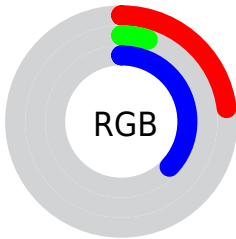
Format	Color
R_YB	58, 14, 95
Decimal	3804767
CIE Lab	15.69, 36.83, -38.53
CIE LCh	16, 53.303, 313.705
Yxy	2.0398, 0.2331, 0.1199
Android (android.graphics.Color)	4281994847 (0xFF3A0E5F)
YUV	36.3900, 28.8947, 18.9520
Hunter-Lab	14.2823, 24.5920, -35.7127

Details

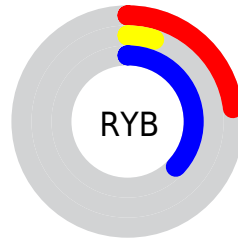
The Hex color **3A0E5F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **335F0E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6D3E92**, and **020030** is the 20% darker color. If you saturate the color by 10%, you get **36055F**, and if you desaturate by 10%, it is **3E185F**.

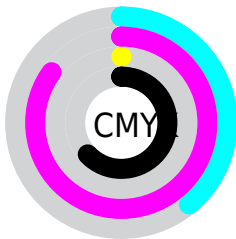
Distribution



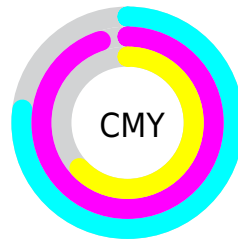
- Red (23%)
- Green (5%)
- Blue (37%)



- Red (23%)
- Yellow (5%)
- Blue (37%)



- Cyan (39%)
- Magenta (85%)
- Yellow (0%)
- Black (63%)



- Cyan (77%)
- Magenta (95%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0E5F 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 3A0E5F by changing the saturation by 10% instead.

■ 3A0E5F

■ 3A0E5F

■ FFF9FF

■ 210047

■ 6D3E92

■ 020030

■ 8857AD

■ 00011A

■ A370C9

■ 000000

■ BF8AE5

■ DCA5FF

■ F9C0FF

■ FFDCFF

■ 3A0E5F

■ 3A0E5F

■ 36055F

■ 3E185F

■ 34005F

■ 43215F

■ 472B5F

■ 4B345F

■ 503E5F

■ 54475F

■ 58515F

■ 5D5A5F

■ 61645F

Harmonies

Analogous

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



002773



3A0E5F



5D003D

Triad

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



3A0E5F



421D00



003538

Complementary

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



3A0E5F



335F0E

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.



003410



3A0E5F



222B00

Square

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



3A0E5F



590000



003100



00355C

Rectangle

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



3A0E5F



640024



003100



00352B

Sweetspot

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



3A0E5F



6C5B7A



0E345F



352A3D



BDBDBD



3D3D3D

Same Dimension

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



3A0E5F



42007A



5F0E5C



2E2C30



3D0070



8200F0

Inverse Universe

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



5F0E33



7A0038



0E5F11



302C2E



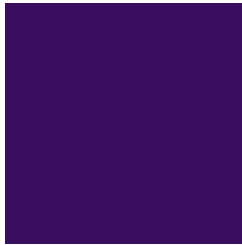
700033



F0006D

Previews

White Background



This preview shows how the Hex color 3A0E5F looks on a white background.

Color Contrast Check

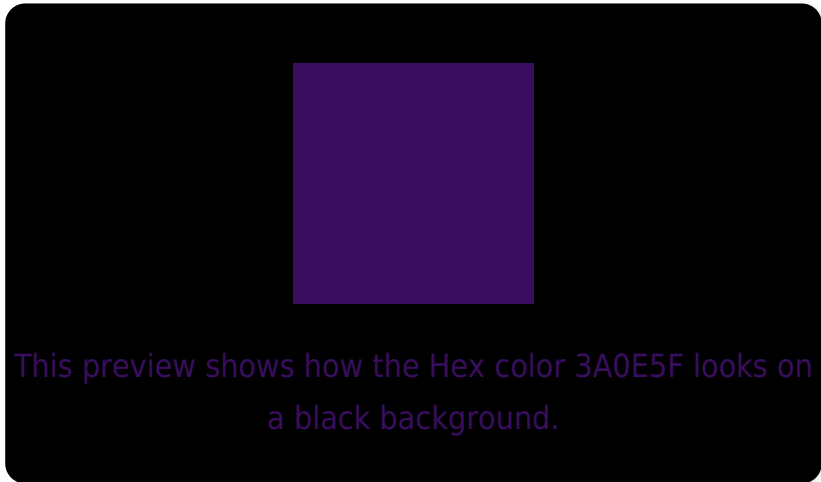
Large Text (above 18pt) WCAG AA ✓ Pass

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

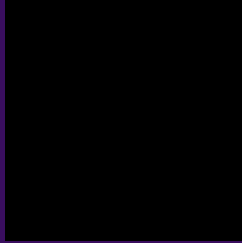
Any Text WCAG AA × Fail

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 3A0E5F Background



This preview shows how black text looks on a background with the Hex color 3A0E5F.



This preview shows how white text looks on a background with the Hex color 3A0E5F.

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
3A0E5F

Protanopia
002853

Deuteranopia
002A48



Tritanopia
2F272A

Trichromacy



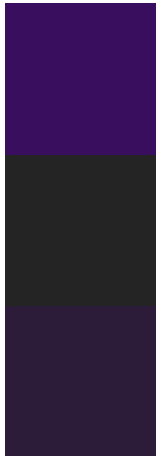
Original Color
3A0E5F

Protanomaly
151F57

Deuteranomaly
152050

Tritanomaly
331E3D

Monochromacy



Original Color
3A0E5F

Achromatopsia
242424

Achromatomaly
2C1C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0E5F 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 #3A0E5F looks like.

```
.text, #text, p{  
    color:#3A0E5F  
}
```

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 #3A0E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0E5F
}
```

Border

The CSS property to change the border of an element to Hex 3A0E5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

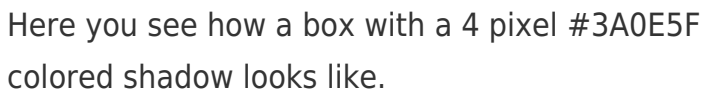
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0E5F }
```

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

```
.border{ border-color:#3A0E5F }
```

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



Here you see how a box with a 4 pixel #3A0E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0E5F; -webkit-box-shadow:4px 4px  
4px 4px #3A0E5F; box-shadow:4px 4px 4px  
4px #3A0E5F }
```

Background

The CSS property to change the background color of an element to Hex 3A0E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0E5F }
```

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

```
.background{ background-color:#3A0E5F }
```

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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