

Converting Colors

Hex(3A0F66)

Have a look what the booklet for
Hex(3A0F66) contains.

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Color

Hex(3A0F66)

Conversions

Conversions Part 1

Format	Color
Hex	3A0F66
RGB	58, 15, 102
RGB Percent	23%, 6%, 40%
CMY	0.7725, 0.9412, 0.6000
CMYK	0.43, 0.85, 0.00, 0.60
HSL	270°, 74%, 23%
HSV	270°, 85%, 40%
XYZ	4.3140, 2.2005, 12.7677
YIQ	37.7750, -2.2990, 36.1730

Conversions

Conversions Part 2

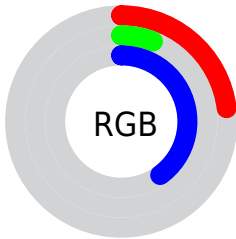
Format	Color
RYB	58, 15, 102
Decimal	3805030
CIELab	16.51, 38.24, -41.85
CIELCh	17, 56.689, 312.423
Yxy	2.2005, 0.2237, 0.1141
Android (android.graphics.Color)	4281995110 (0xFF3A0F66)
YUV	37.7750, 31.6629, 17.7373
Hunter-Lab	14.8341, 25.9514, -40.6472

Details

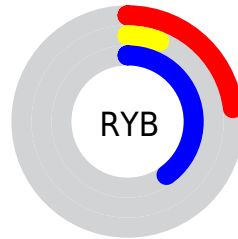
The Hex color **3A0F66** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3B660F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6E409A**, and **030036** is the 20% darker color. If you saturate the color by 10%, you get **350566**, and if you desaturate by 10%, it is **3F1966**.

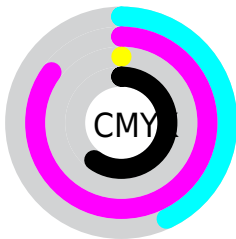
Distribution



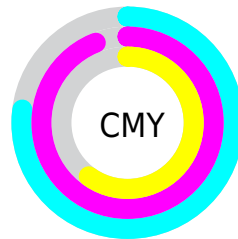
- Red (23%)
- Green (6%)
- Blue (40%)



- Red (23%)
- Yellow (6%)
- Blue (40%)



- Cyan (43%)
- Magenta (85%)
- Yellow (0%)
- Black (60%)



- Cyan (77%)
- Magenta (94%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0F66 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 3A0F66 by changing the saturation by 10% instead.

■ 3A0F66

■ 3A0F66

■ FFFBFF

■ 20004D

■ 6E409A

■ 030036

■ 8958B5

■ 000220

■ A471D1

■ 000003

■ C08BED

■ 000000

■ DDA6FF

■ FAC2FF

■ FFDEFF

■ 3A0F66

■ 3A0F66

■ 350566

■ 3F1966

■ 320066

■ 442366

■ 492E66

■ 4F3866

■ 544266

■ 594C66

■ 5E5666

■ 636166

■ 686B66

Harmonies

Analogous

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



002A7A



3A0F66



610042

Triad

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



3A0F66



461E00



003839

Complementary

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



3A0F66



3B660F

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.



00370D



3A0F66



242D00

Square

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



3A0F66



5F0000



003300



003860

Rectangle

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



3A0F66



6A0028



003300



00382B

Sweetspot

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



3A0F66



736285



0F3C66



382E42



C2C2C2



424242

Same Dimension

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



3A0F66



420085



650F66



302E33



390073



7800F2

Inverse Universe

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



660F3B



850043



10660F



332E30



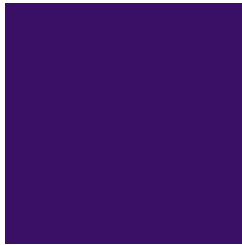
73003A



F2007B

Previews

White Background



This preview shows how the Hex color 3A0F66 looks on a white background.

Color Contrast Check

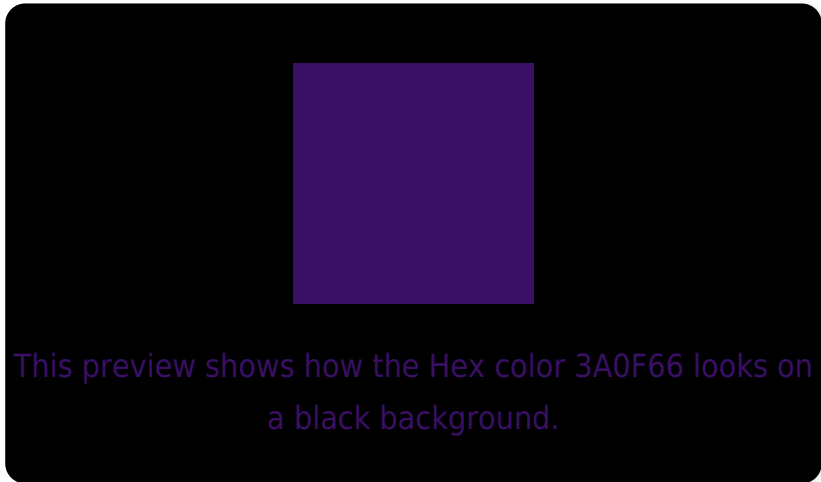
Large Text (above 18pt) WCAG AA ✓ Pass

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

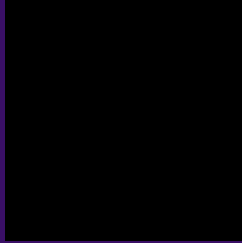
Any Text WCAG AA × Fail

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 3A0F66 Background



This preview shows how black text looks on a background with the Hex color 3A0F66.



This preview shows how white text looks on a background with the Hex color 3A0F66.

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
3A0F66

Protanopia
002957

Deuteranopia
002C4A

Trichromacy



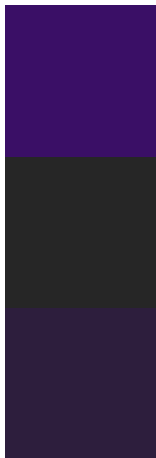
Original Color
3A0F66

Protanomaly
15205C

Deuteranomaly
152154

Tritanomaly
322042

Monochromacy



Original Color
3A0F66

Achromatopsia
262626

Achromatomaly
2D1E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0F66 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 #3A0F66 looks like.

```
.text, #text, p{  
    color:#3A0F66  
}
```

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 #3A0F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0F66
}
```

Border

The CSS property to change the border of an element to Hex 3A0F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

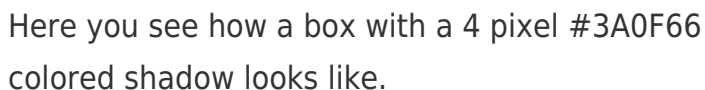
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0F66 }
```

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

```
.border{ border-color:#3A0F66 }
```

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



Here you see how a box with a 4 pixel #3A0F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0F66; -webkit-box-shadow:4px 4px  
4px 4px #3A0F66; box-shadow:4px 4px 4px  
4px #3A0F66 }
```

Background

The CSS property to change the background color of an element to Hex 3A0F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0F66 }
```

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

```
.background{ background-color:#3A0F66 }
```

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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