

Converting Colors

Hex(3C0B67)

Have a look what the booklet for
Hex(3C0B67) contains.

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Color

Hex(3C0B67)

Conversions

Conversions Part 1

Format	Color
Hex	3C0B67
RGB	60, 11, 103
RGB Percent	24%, 4%, 40%
CMY	0.7647, 0.9569, 0.5961
CMYK	0.42, 0.89, 0.00, 0.60
HSL	272°, 81%, 22%
HSV	272°, 89%, 40%
XYZ	4.4313, 2.1793, 13.0190
YIQ	36.1390, -0.3280, 39.0000

Conversions

Conversions Part 2

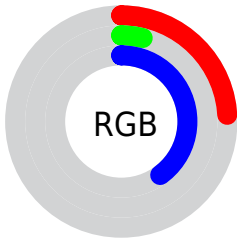
Format	Color
R_{YB}	60, 11, 103
Decimal	3935079
CIE _{Lab}	16.40, 40.30, -42.67
CIE _{LCh}	16, 58.687, 313.364
Yxy	2.1793, 0.2257, 0.1110
Android (android.graphics.Color)	4282125159 (0xFF3C0B67)
YUV	36.1390, 32.9625, 20.9261
Hunter-Lab	14.7624, 27.7476, -41.9547

Details

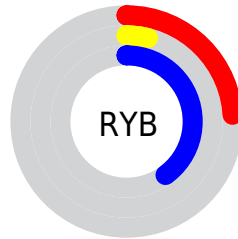
The Hex color **3C0B67** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36670B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **703D9B**, and **060037** is the 20% darker color. If you saturate the color by 10%, you get **370167**, and if you desaturate by 10%, it is **411567**.

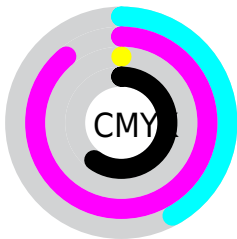
Distribution



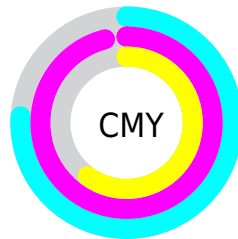
- Red (24%)
- Green (4%)
- Blue (40%)



- Red (24%)
- Yellow (4%)
- Blue (40%)



- Cyan (42%)
- Magenta (89%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0B67 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 3C0B67 by changing the saturation by 10% instead.

■ 3C0B67

■ 3C0B67

■ FFF9FF

■ 22004E

■ 703D9B

■ 060037

■ 8B56B6

■ 000220

■ A76FD2

■ 000005

■ C38AEF

■ 000000

■ E0A4FF

■ FDC0FF

■ FFDCFF

■ 3C0B67

■ 3C0B67

■ 370167

■ 411567

■ 370067

■ 462067

■ 4A2A67

■ 4F3467

■ 543F67

■ 594967

■ 5E5367

■ 635D67

■ 676867

Harmonies

Analogous

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



00297D



3C0B67



630042

Triad

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



3C0B67



461E00



00383B

Complementary

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



3C0B67



36670B

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.



00370E



3C0B67



222D00

Square

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



3C0B67



600000



003300



003863

Rectangle

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



3C0B67



6C0026



003300



00382D

Sweetspot

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



3C0B67



766387



0B3767



3B2F45



C4C4C4



454545

Same Dimension

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



3C0B67



480087



670B65



312E33



3D0073



8100F2

Inverse Universe

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



670B36



87003F



0B670D



332E30



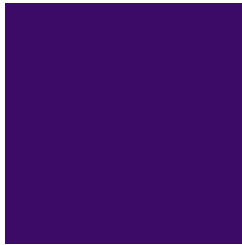
730036



F20071

Previews

White Background



This preview shows how the Hex color 3C0B67 looks on a white background.

Color Contrast Check

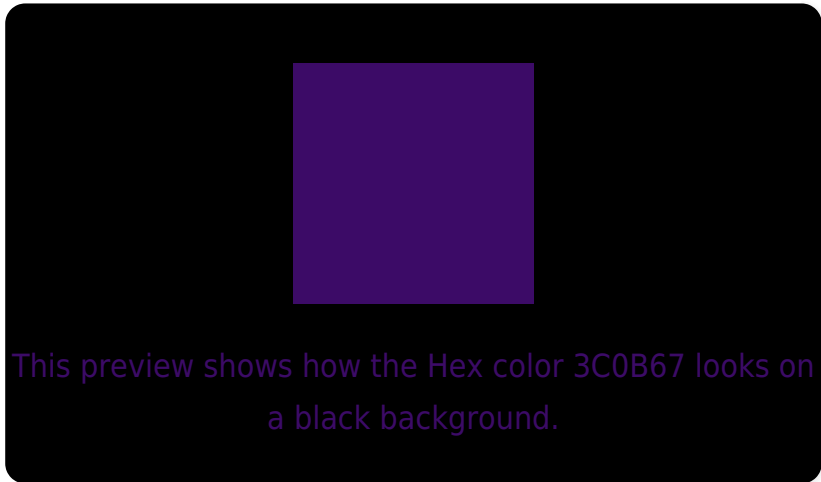
Large Text (above 18pt) WCAG AA ✓ Pass

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

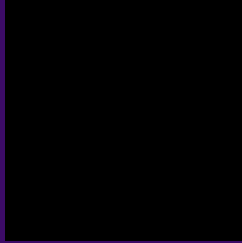
Any Text WCAG AA × Fail

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 3C0B67 Background



This preview shows how black text looks on a background with the Hex color 3C0B67.



This preview shows how white text looks on a background with the Hex color 3C0B67.

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
3C0B67

Protanopia
002957

Deuteranopia
002C4B



Tritanopia
2F292C

Trichromacy



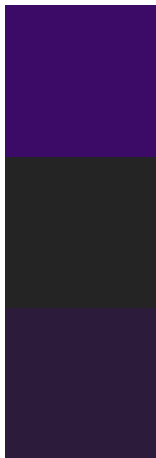
Original Color
3C0B67

Protanomaly
161E5D

Deuteranomaly
162055

Tritanomaly
341E41

Monochromacy



Original Color
3C0B67

Achromatopsia
242424

Achromatomaly
2D1B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0B67 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 #3C0B67 looks like.

```
.text, #text, p{  
    color:#3C0B67  
}
```

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 #3C0B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0B67
}
```

Border

The CSS property to change the border of an element to Hex 3C0B67 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
#3C0B67 }
```

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

```
.border{ border-color:#3C0B67 }
```

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

Here you see how a box with a 4 pixel #3C0B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0B67; -webkit-box-shadow:4px 4px  
4px 4px #3C0B67; box-shadow:4px 4px 4px  
4px #3C0B67 }
```

Background

The CSS property to change the background color of an element to Hex 3C0B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0B67 }
```

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

```
.background{ background-color:#3C0B67 }
```

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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