

Converting Colors

Hex(3C0E74)

Have a look what the booklet for
Hex(3C0E74) contains.

Hex(3C0E74)	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(3C0E74)

Conversions

Conversions Part 1

Format	Color
Hex	3C0E74
RGB	60, 14, 116
RGB Percent	24%, 5%, 45%
CMY	0.7647, 0.9451, 0.5451
CMYK	0.48, 0.88, 0.00, 0.55
HSL	267°, 78%, 25%
HSV	267°, 88%, 45%
XYZ	5.1729, 2.5357, 16.7398
YIQ	39.3820, -5.3260, 41.4740

Conversions

Conversions Part 2

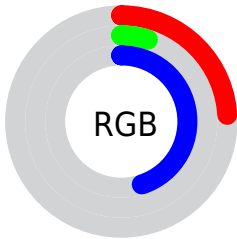
Format	Color
R_{YB}	60, 14, 116
Decimal	3935860
CIE _{Lab}	18.08, 42.59, -48.38
CIE _{LCh}	18, 64.459, 311.355
Yxy	2.5357, 0.2116, 0.1037
Android (android.graphics.Color)	4282125940 (0xFF3C0E74)
YUV	39.3820, 37.7727, 18.0820
Hunter-Lab	15.9238, 30.1195, -51.1814




Details

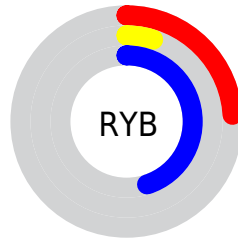
The Hex color **3C0E74** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **46740E**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **7240A9**, and **040043** is the 20% darker color. If you saturate the color by 10%, you get **360274**, and if you desaturate by 10%, it is **421A74**.

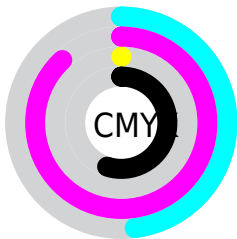
Distribution







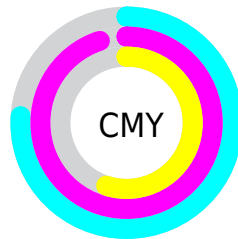
-  Red (24%)
-  Green (5%)
-  Blue (45%)






-  Red (24%)
-  Yellow (5%)
-  Blue (45%)



-  Cyan (48%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0E74 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 3C0E74 by changing the saturation by 10% instead.

■ 3C0E74

■ 3C0E74

■ FFFDFF

■ 20005B

■ 7240A9

■ 040043

■ 8D59C5

■ 00032B

■ A973E1

■ 000116

■ C58DFE

■ 000000

■ E2A8FF

■ FFC3FF

■ FFE0FF

■ 3C0E74

■ 3C0E74

■ 360274

■ 421A74

■ 340074

■ 492574

■ 4F3174

■ 553C74

■ 5C4874

■ 625474

■ 695F74

■ 6F6B74

■ 757674

Harmonies

Analogous

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



002E8B



3C0E74



6C004B

Triad

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



3C0E74



4E1E00



003D3E

Complementary

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



3C0E74



46740E

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.



003B09



3C0E74



273000

Square

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



3C0E74



6A0000



003800



003D6A

Rectangle

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



3C0E74



76002D



003800



003C2D

Sweetspot

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



3C0E74



816F96



0E4674



3F354D



CCCCCC



4D4D4D

Same Dimension

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



3C0E74



440096



6F0E74



37353B



37007A



7100FA

Inverse Universe

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



740E46



960053



13740E



3B3538



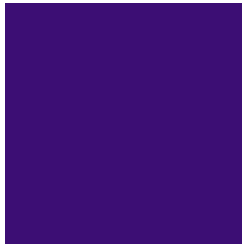
7A0043



FA0089

Previews

White Background



This preview shows how the Hex color 3C0E74 looks on a white background.

Color Contrast Check

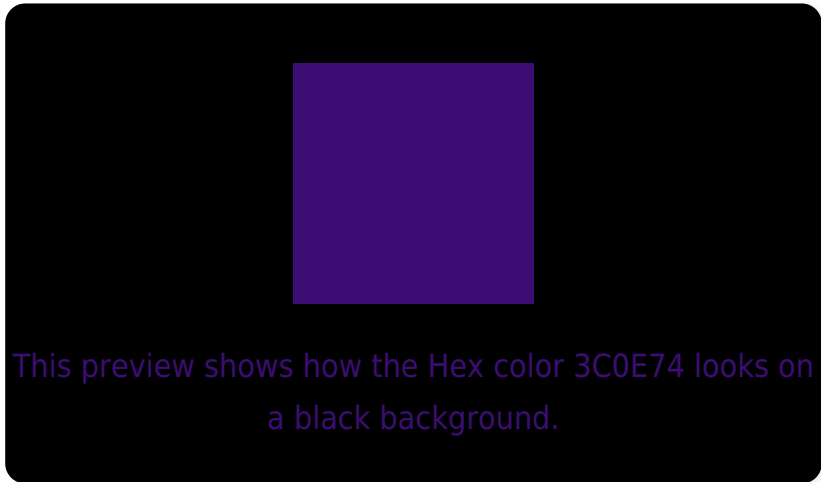
Large Text (above 18pt) WCAG AA ✓ Pass

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

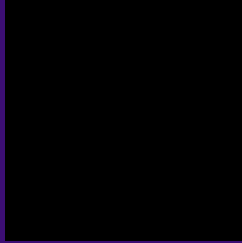
Any Text WCAG AA × Fail

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 3C0E74 Background



This preview shows how black text looks on a background with the Hex color 3C0E74.



This preview shows how white text looks on a background with the Hex color 3C0E74.

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
3C0E74

Protanopia
002C5D

Deuteranopia
002F50

Trichromacy



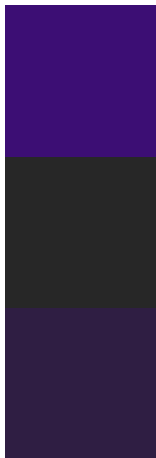
Original Color
3C0E74

Protanomaly
162165

Deuteranomaly
16235D

Tritanomaly
31224A

Monochromacy



Original Color
3C0E74

Achromatopsia
272727

Achromatomaly
2F1E43

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0E74 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 #3C0E74 looks like.

```
.text, #text, p{  
    color:#3C0E74  
}
```

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 #3C0E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0E74
}
```

Border

The CSS property to change the border of an element to Hex 3C0E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

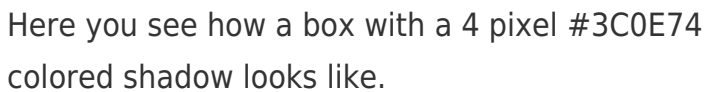
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C0E74 }
```

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

```
.border{ border-color:#3C0E74 }
```

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



Here you see how a box with a 4 pixel #3C0E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0E74; -webkit-box-shadow:4px 4px  
4px 4px #3C0E74; box-shadow:4px 4px 4px  
4px #3C0E74 }
```

Background

The CSS property to change the background color of an element to Hex 3C0E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0E74 }
```

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

```
.background{ background-color:#3C0E74 }
```

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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