

Converting Colors

Hex(3B105F)

Have a look what the booklet for
Hex(3B105F) contains.

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Color

Hex(3B105F)

Conversions

Conversions Part 1

Format	Color
Hex	3B105F
RGB	59, 16, 95
RGB Percent	23%, 6%, 37%
CMY	0.7686, 0.9373, 0.6275
CMYK	0.38, 0.83, 0.00, 0.63
HSL	273°, 71%, 22%
HSV	273°, 83%, 37%
XYZ	4.0545, 2.1266, 11.0233
YIQ	37.8630, 0.2690, 33.6850

Conversions

Conversions Part 2

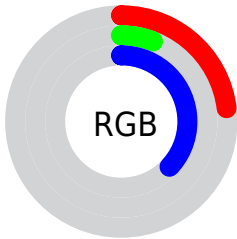
Format	Color
R_{YB}	59, 16, 95
Decimal	3870815
CIE _{Lab}	16.14, 36.18, -37.80
CIE _{LCh}	16, 52.325, 313.741
Yxy	2.1266, 0.2357, 0.1236
Android (android.graphics.Color)	4282060895 (0xFF3B105F)
YUV	37.8630, 28.1685, 18.5371
Hunter-Lab	14.5829, 24.1082, -34.6094

Details

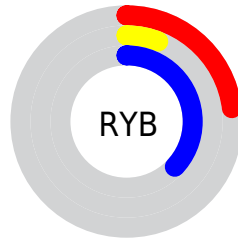
The Hex color **3B105F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **345F10**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6E4092**, and **060030** is the 20% darker color. If you saturate the color by 10%, you get **37065F**, and if you desaturate by 10%, it is **3F195F**.

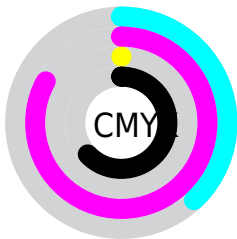
Distribution



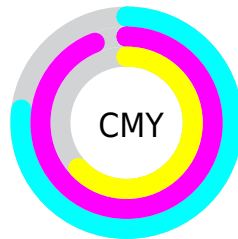
- Red (23%)
- Green (6%)
- Blue (37%)



- Red (23%)
- Yellow (6%)
- Blue (37%)



- Cyan (38%)
- Magenta (83%)
- Yellow (0%)
- Black (63%)



- Cyan (77%)
- Magenta (94%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B105F 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 3B105F by changing the saturation by 10% instead.

 3B105F

 3B105F

 FFFBFF

 220047

 6E4092

 060030

 8958AD

 00011A

 A472C9

 000000

 C08CE5

 DCA6FF

 F9C2FF

 FFDEFF

 3B105F

 3B105F

■ 37065F

■ 3F195F

■ 34005F

■ 44235F

■ 482C5F

■ 4C365F

■ 51405F

■ 55495F

■ 59525F

■ 5E5C5F

■ 62665F

Harmonies

Analogous

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



002872



3B105F



5D003E

Triad

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



3B105F



431F00



003639

Complementary

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



3B105F



345F10

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.



003511



3B105F



232C00

Square

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



3B105F



5A0000



003200



00365C

Rectangle

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



3B105F



640025



003200



00362C

Sweetspot

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



3B105F



6C5C7A



10355F



352B3D



BDBDBD



3D3D3D

Same Dimension

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



3B105F



43007A



5F105C



2E2C30



3D0070



8200F0

Inverse Universe

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



5F1034



7A0038



105F13



302C2E



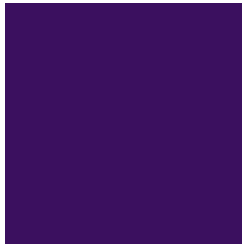
700033



F0006D

Previews

White Background



This preview shows how the Hex color 3B105F looks on a white background.

Color Contrast Check

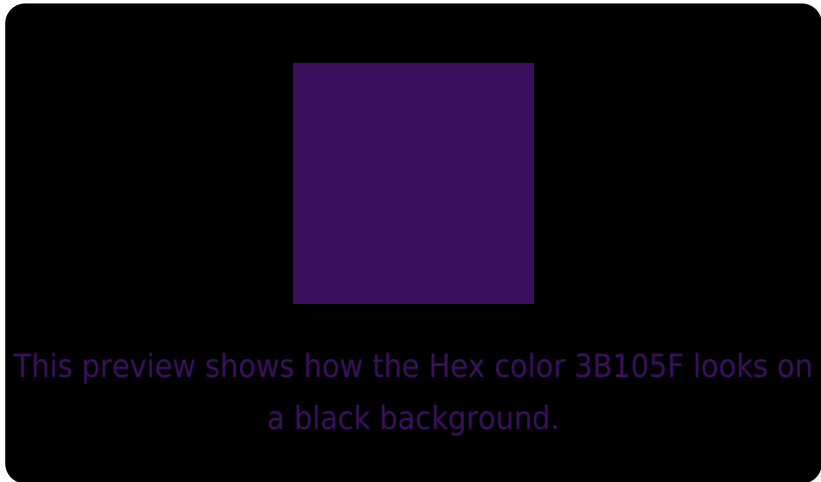
Large Text (above 18pt) WCAG AA ✓ Pass

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

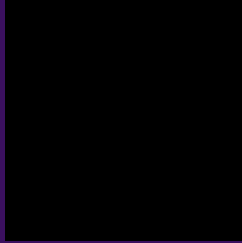
Any Text WCAG AA × Fail

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 3B105F Background



This preview shows how black text looks on a background with the Hex color 3B105F.



This preview shows how white text looks on a background with the Hex color 3B105F.

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
3B105F

Protanopia
002855

Deuteranopia
002B49



Tritanopia
30272A

Trichromacy



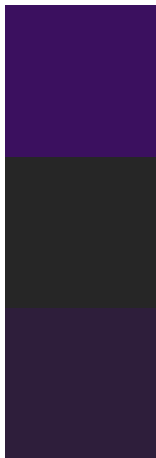
Original Color
3B105F

Protanomaly
151F59

Deuteranomaly
152151

Tritanomaly
341F3D

Monochromacy



Original Color
3B105F

Achromatopsia
262626

Achromatomaly
2E1E3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B105F 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 #3B105F looks like.

```
.text, #text, p{  
    color:#3B105F  
}
```

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 #3B105F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B105F
}
```

Border

The CSS property to change the border of an element to Hex 3B105F is called "border". The border property can be set on classes, ids or directly on the HTML element.

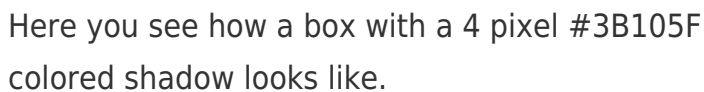
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B105F }
```

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

```
.border{ border-color:#3B105F }
```

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



Here you see how a box with a 4 pixel #3B105F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B105F; -webkit-box-shadow:4px 4px  
4px 4px #3B105F; box-shadow:4px 4px 4px  
4px #3B105F }
```

Background

The CSS property to change the background color of an element to Hex 3B105F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B105F }
```

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

```
.background{ background-color:#3B105F }
```

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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