

Converting Colors

Hex(3C327B)

Have a look what the booklet for
Hex(3C327B) contains.

Hex(3C327B)	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>	28

Color

Hex(3C327B)

Conversions

Conversions Part 1

Format	Color
Hex	3C327B
RGB	60, 50, 123
RGB Percent	24%, 20%, 48%
CMY	0.7647, 0.8039, 0.5176
CMYK	0.51, 0.59, 0.00, 0.52
HSL	248°, 42%, 34%
HSV	248°, 59%, 48%
XYZ	6.5792, 4.6719, 19.2939
YIQ	61.3120, -17.4730, 24.8230

Conversions

Conversions Part 2

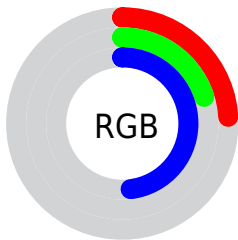
Format	Color
R_{YB}	60, 50, 123
Decimal	3945083
CIE _{Lab}	25.78, 25.22, -40.30
CIE _{LCh}	26, 47.541, 302.032
Yxy	4.6719, 0.2154, 0.1530
Android (android.graphics.Color)	4282135163 (0xFF3C327B)
YUV	61.3120, 30.4122, -1.1506
Hunter-Lab	21.6146, 16.5076, -37.7939

Details


The Hex color **3C327B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **717B32**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7061B0**, and **000749** is the 20% darker color. If you saturate the color by 10%, you get **31267B**, and if you desaturate by 10%, it is **473E7B**.

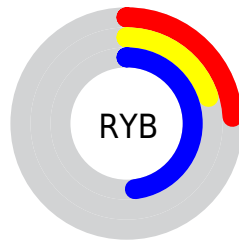
Distribution



 Red (24%)

 Green (20%)

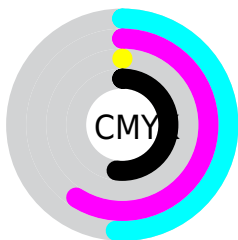
 Blue (48%)




 Red (24%)

 Yellow (20%)

 Blue (48%)

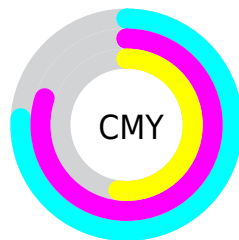


 Cyan (51%)

 Magenta (59%)

 Yellow (0%)

 Black (52%)



 Cyan (76%)

 Magenta (80%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C327B 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 3C327B by changing the saturation by 10% instead.



3C327B



3C327B

FFFFFF



211D62



7061B0



000749



8B7ACC



000032



A793E8



00021C



C3AEFF



000000



DFCAFF



FCE6FF



3C327B



3C327B



31267B



473E7B

■ 27197B

■ 514B7B

■ 1C0D7B

■ 5C577B

■ 12017B

■ 66637B

■ 11007B

■ 71707B

■ 7C7C7B

■ 86887B

■ 91947B

■ 9CA17B

Harmonies

Analogous

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



004186



3C327B



691C60

Triad

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



3C327B



662D00



004C3F

Complementary

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



3C327B



717B32

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.



004A18



3C327B



4A3C00

Square

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



3C327B



771819



254600



004C63

Rectangle

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



3C327B



770D48



254600



004C32

Sweetspot

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



3C327B



8884A1



32717B



424052



D1D1D1



525252

Same Dimension

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



3C327B



3E2FA1



60327B



38373D



11007D



2300FC

Inverse Universe

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



7B3271



A12F91



4D7B32



3D373C



7D006C



FC00DA

Previews

White Background



This preview shows how the Hex color 3C327B 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 3C327B Background



This preview shows how black text looks on a background with the Hex color 3C327B.

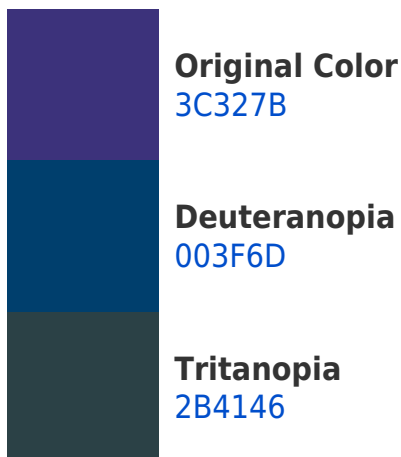


This preview shows how white text looks on a background with the Hex color 3C327B.

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



Trichromacy



Original Color
3C327B

Deuteranomaly
163A72

Tritanomaly
313C59

Monochromacy



Original Color
3C327B

Achromatopsia
3D3D3D

Achromatomaly
3D3954

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C327B 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 #3C327B looks like.

```
.text, #text, p{  
    color:#3C327B  
}
```

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 #3C327B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C327B
}
```

Border

The CSS property to change the border of an element to Hex 3C327B 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
#3C327B }
```

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

```
.border{ border-color:#3C327B }
```

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

Here you see how a box with a 4 pixel #3C327B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C327B; -webkit-box-shadow:4px 4px  
4px 4px #3C327B; box-shadow:4px 4px 4px  
4px #3C327B }
```

Background

The CSS property to change the background color of an element to Hex 3C327B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C327B }
```

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

```
.background{ background-color:#3C327B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor