

Converting Colors

Hex(3D327D)

Have a look what the booklet for
Hex(3D327D) contains.

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Color

Hex(3D327D)

Conversions

Conversions Part 1

Format	Color
Hex	3D327D
RGB	61, 50, 125
RGB Percent	24%, 20%, 49%
CMY	0.7608, 0.8039, 0.5098
CMYK	0.51, 0.60, 0.00, 0.51
HSL	249°, 43%, 34%
HSV	249°, 60%, 49%
XYZ	6.7667, 4.7540, 19.9630
YIQ	61.8390, -17.5190, 25.6570

Conversions

Conversions Part 2

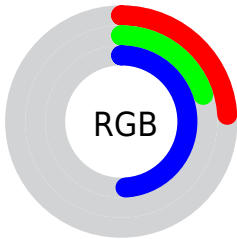
Format	Color
R_{YB}	61, 50, 125
Decimal	4010621
CIE _{Lab}	26.02, 26.10, -41.17
CIE _{LCh}	26, 48.744, 302.374
Yxy	4.7540, 0.2149, 0.1510
Android (android.graphics.Color)	4282200701 (0xFF3D327D)
YUV	61.8390, 31.1384, -0.7358
Hunter-Lab	21.8036, 17.2411, -39.0224

Details

The Hex color **3D327D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **727D32**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7261B2**, and **00074B** is the 20% darker color. If you saturate the color by 10%, you get **32267D**, and if you desaturate by 10%, it is **483F7D**.

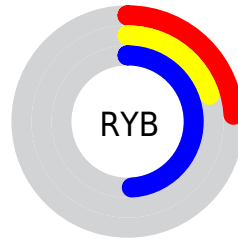
Distribution



Red (24%)

Green (20%)

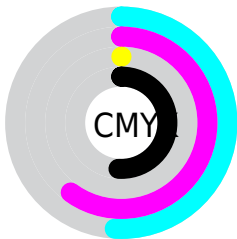
Blue (49%)



Red (24%)

Yellow (20%)

Blue (49%)

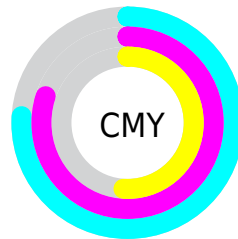


Cyan (51%)

Magenta (60%)

Yellow (0%)

Black (51%)



Cyan (76%)

Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D327D 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 3D327D by changing the saturation by 10% instead.

■ 3D327D

■ 3D327D

FFFFFF

■ 221C64

■ 7261B2

■ 00074B

■ 8D7ACE

■ 000034

■ A894EA

■ 00021E

■ C4AEFF

■ 000000

■ E1CAFF

■ FEE6FF

■ 3D327D

■ 3D327D

■ 32267D

■ 483F7D

■ 28197D

■ 524B7D

■ 1D0C7D

■ 5D577D

■ 12007D

■ 68647D

■ 72717D

■ 7D7D7D

■ 888A7D

■ 92967D

■ 9DA37D

Harmonies

Analogous

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



004289



3D327D



6B1B61

Triad

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



3D327D



672E00



004D40

Complementary

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



3D327D



727D32

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.



004B18



3D327D



4A3D00

Square

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



3D327D



791718



244600



004D65

Rectangle

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



3D327D



790A49



244600



004D33

Sweetspot

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



3D327D



8A86A3



32737D



424052



D1D1D1



525252

Same Dimension

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



3D327D



3F2EA3



62327D



3A3940



130080



000000

Inverse Universe

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



7D3272



A32E92



4E7D32



40393F



80006D



000000

Previews

White Background



This preview shows how the Hex color 3D327D looks on a white background.

Color Contrast Check

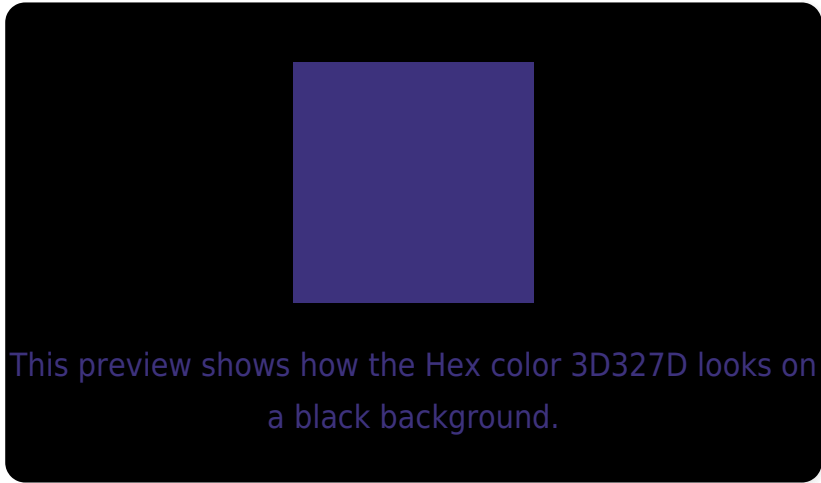
Large Text (above 18pt) WCAG AA ✓ Pass

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

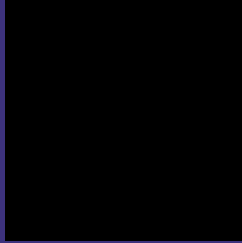
Any Text WCAG AA × Fail

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 3D327D Background



This preview shows how black text looks on a background with the Hex color 3D327D.



This preview shows how white text looks on a background with the Hex color 3D327D.

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
3D327D

Protanopia
003C7E

Deuteranopia
003F6E



Tritanopia
2C4146

Trichromacy



Original Color
3D327D

Protanomaly
16387E

Deuteranomaly
163A73

Tritanomaly
323C5A

Monochromacy



Original Color
3D327D

Achromatopsia
3E3E3E

Achromatomaly
3E3A55

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D327D 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 #3D327D looks like.

```
.text, #text, p{  
    color:#3D327D  
}
```

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 #3D327D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D327D
}
```

Border

The CSS property to change the border of an element to Hex 3D327D 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
#3D327D }
```

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

```
.border{ border-color:#3D327D }
```

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

Here you see how a box with a 4 pixel #3D327D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D327D; -webkit-box-shadow:4px 4px  
4px 4px #3D327D; box-shadow:4px 4px 4px  
4px #3D327D }
```

Background

The CSS property to change the background color of an element to Hex 3D327D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D327D }
```

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

```
.background{ background-color:#3D327D }
```

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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