

# Converting Colors

Hex(37327D)

Have a look what the booklet for  
Hex(37327D) contains.

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# Color

**Hex(37327D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37327D
RGB	55, 50, 125
RGB Percent	22%, 20%, 49%
CMY	0.7843, 0.8039, 0.5098
CMYK	0.56, 0.60, 0.00, 0.51
HSL	244°, 43%, 34%
HSV	244°, 60%, 49%
XYZ	6.4178, 4.5741, 19.9467
YIQ	60.0450, -21.0950, 24.3850

# Conversions

## Conversions Part 2

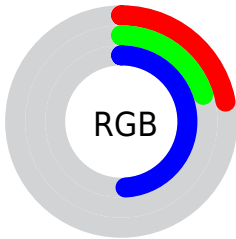
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 50, 125
Decimal	3617405
CIELab	25.49, 24.79, -42.06
CIELCh	25, 48.823, 300.512
Yxy	4.5741, 0.2074, 0.1478
Android (android.graphics.Color)	4281807485 (0xFF37327D)
YUV	60.0450, 32.0228, -4.4245
Hunter-Lab	21.3871, 16.1365, -40.3257

# Details

The Hex color **37327D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **787D32**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6C61B2**, and **00074B** is the 20% darker color. If you saturate the color by 10%, you get **2B267D**, and if you desaturate by 10%, it is **433F7D**.

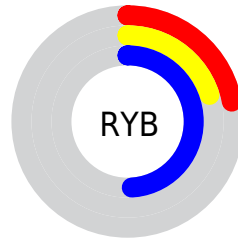
# Distribution



Red (22%)

Green (20%)

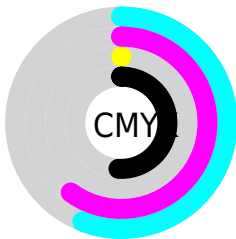
Blue (49%)



Red (22%)

Yellow (20%)

Blue (49%)

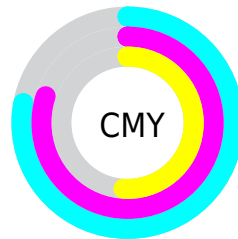


Cyan (56%)

Magenta (60%)

Yellow (0%)

Black (51%)



Cyan (78%)

Magenta (80%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37327D 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 37327D by changing the saturation by 10% instead.



■ 37327D

■ 37327D

FFFFFF

■ 1A1D64

■ 6C61B2

■ 00074B

■ 8779CE

■ 000034

■ A393EB

■ 00021E

■ BFAEFF

■ 000000

■ DBC9FF

■ F8E5FF

■ 37327D

■ 37327D

■ 2B267D

■ 433F7D

■ 20197D

■ 4E4B7D

■ 140C7D

■ 5A577D

■ 08007D

■ 66647D

■ 71717D

■ 7D7D7D

■ 898A7D

■ 94967D

■ A0A37D

# Harmonies

## Analogous

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



004187



37327D



681B61

# Triad

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



37327D



672B00



004C3C

# Complementary

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



37327D



787D32

# 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.



004A14



37327D



4B3B00

# Square

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



37327D



781419



264500



004C61

# Rectangle

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



37327D



77084A



264500



004B2F



# Sweetspot

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



37327D



8886A3



32787D



414052



D1D1D1



525252



# Same Dimension

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



37327D



362EA3



5C327D



3A3940



080080



000000



# Inverse Universe

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



7D3278



A32E9B



527D32



40393F



800077



000000



# Previews

## White Background



This preview shows how the Hex color 37327D looks on a white background.

## Color Contrast Check

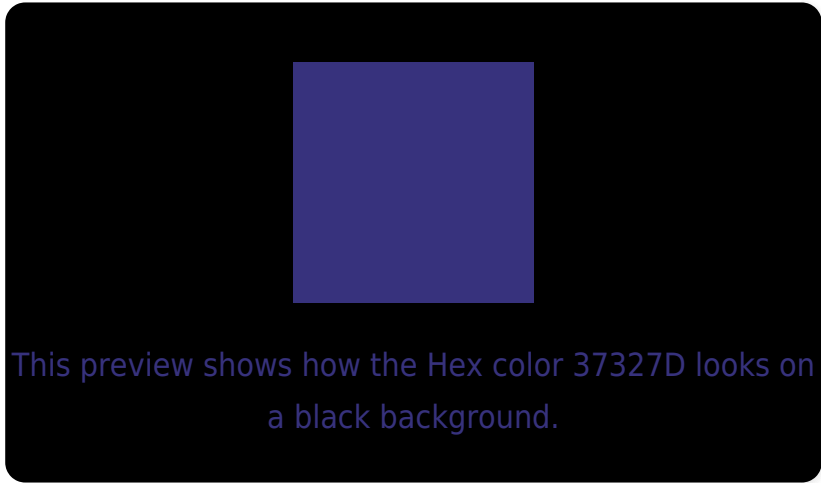
Large Text (above 18pt) WCAG AA ✓ Pass

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

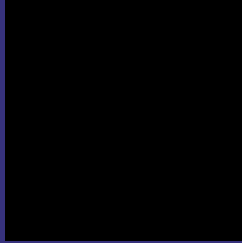
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 37327D Background



This preview shows how black text looks on a background with the Hex color 37327D.



This preview shows how white text looks on a background with the Hex color 37327D.

# 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](#).

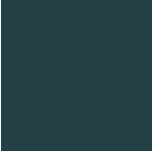
## Dichromacy



**Original Color**  
37327D

**Protanopia**  
003A7C

**Deuteranopia**  
003E6B



**Tritanopia**  
234146

# Trichromacy



**Original Color**  
37327D

**Protanomaly**  
14377C

**Deuteranomaly**  
143A72

**Tritanomaly**  
2A3C5A

# Monochromacy



**Original Color**  
37327D

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3A3854

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37327D 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 #37327D looks like.

```
.text, #text, p{  
    color:#37327D  
}
```

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 #37327D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37327D
}
```

## Border

The CSS property to change the border of an element to Hex 37327D 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
#37327D }
```

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

```
.border{ border-color:#37327D }
```

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

Here you see how a box with a 4 pixel #37327D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37327D; -webkit-box-shadow:4px 4px  
4px 4px #37327D; box-shadow:4px 4px 4px  
4px #37327D }
```

# Background

The CSS property to change the background color of an element to Hex 37327D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37327D }
```

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

```
.background{ background-color:#37327D }
```

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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