

# Converting Colors

Hex(273673)

Have a look what the booklet for  
Hex(273673) contains.

<b>Hex(273673)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(273673)**

# Conversions

Conversions Part 1	
Format	Color
Hex	273673
RGB	39, 54, 115
RGB Percent	15%, 21%, 45%
CMY	0.8471, 0.7882, 0.5490
CMYK	0.66, 0.53, 0.00, 0.55
HSL	228°, 49%, 30%
HSV	228°, 66%, 45%
XYZ	5.2504, 4.3075, 16.7744
YIQ	56.4690, -28.5210, 15.7910

# Conversions

## Conversions Part 2

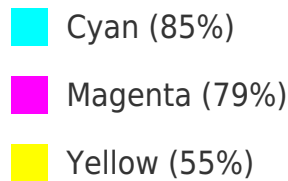
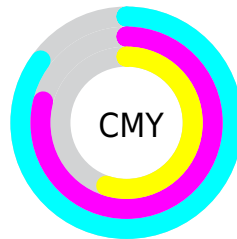
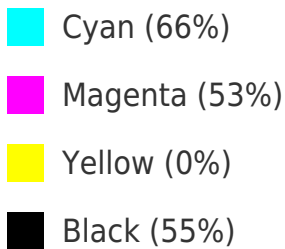
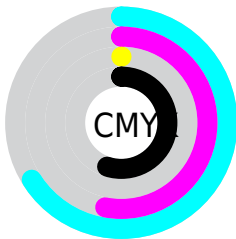
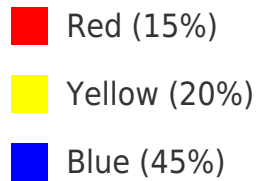
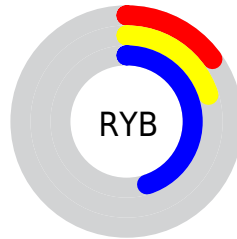
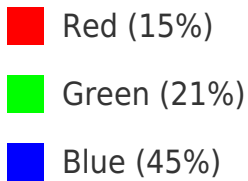
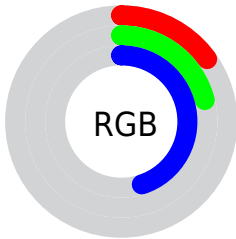
Format	Color
<a href="#">RYB</a>	<a href="#">39, 52, 115</a>
Decimal	<a href="#">2569843</a>
CIELab	<a href="#">24.66, 15.15, -37.11</a>
CIELCh	<a href="#">25, 40.082, 292.212</a>
Yxy	<a href="#">4.3075, 0.1994, 0.1636</a>
Android (android.graphics.Color)	<a href="#">4280759923</a> (0xFF273673)
YUV	<a href="#">56.4690, 28.8558, -15.3203</a>
Hunter-Lab	<a href="#">20.7545, 8.8359, -33.3918</a>

# Details

The Hex color **273673** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **736427**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D64A8**, and **000C42** is the 20% darker color. If you saturate the color by 10%, you get **1C2D73**, and if you desaturate by 10%, it is **333F73**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 273673 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 273673 by changing the saturation by 10% instead.



 273673

 273673

FFFFFF

 03215A

 5D64A8

 000C42

 777DC3

 00032B

 9297DF

 000116

 AEB2FC

 000000

 CACDFF

 E7E9FF

 273673

 273673

 1C2D73

 333F73

 102473

 3E4873

 051A73

 4A5273

 001773

 555B73

 616473

 6C6D73

 787773

 838073

 8F8973

# Harmonies

## Analogous

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



004177



273673



572760

# Triad

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



273673



642909



004831

# Complementary

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



273673



736427

# 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.



014512



273673



4F3600

# Square

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



273673



6F1B26



334000



004851

# Rectangle

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



273673



671D4E



334000



004727



# Sweetspot

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



273673



787E96



277364



3A3E4D



CCCCCC



4D4D4D



# Same Dimension

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



273673



203796



3E2773



35363B



00187A



0031FA



# Inverse Universe

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



732736



962037



5C7327



3B3536



7A0018



FA0031



# Previews

## White Background



This preview shows how the Hex color 273673 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



This preview shows how the Hex color 273673 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

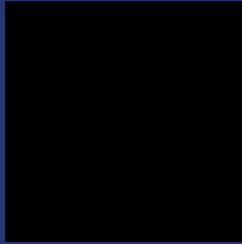
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 273673 Background



This preview shows how black text looks on a background with the Hex color 273673.



This preview shows how white text looks on a background with the Hex color 273673.

# 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**  
273673

**Protanopia**  
103876

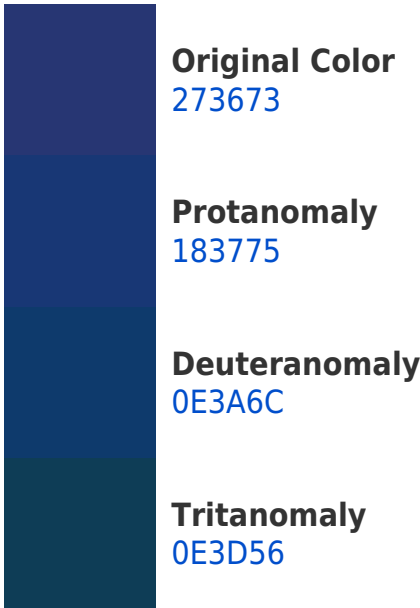
**Deuteranopia**  
003C68



# Tritanopia

004146

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 273673 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 #273673 looks like.

```
.text, #text, p{  
    color:#273673  
}
```

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 #273673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273673
}
```

## Border

The CSS property to change the border of an element to Hex 273673 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
#273673 }
```

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

```
.border{ border-color:#273673 }
```

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

Here you see how a box with a 4 pixel #273673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273673; -webkit-box-shadow:4px 4px  
4px 4px #273673; box-shadow:4px 4px 4px  
4px #273673 }
```

# Background

The CSS property to change the background color of an element to Hex 273673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273673 }
```

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

```
.background{ background-color:#273673 }
```

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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