

# Converting Colors

Hex(27376C)

Have a look what the booklet for  
Hex(27376C) contains.

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# Color

Hex(27376C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	27376C
RGB	39, 55, 108
RGB Percent	15%, 22%, 42%
CMY	0.8471, 0.7843, 0.5765
CMYK	0.64, 0.49, 0.00, 0.58
HSL	226°, 47%, 29%
HSV	226°, 64%, 42%
XYZ	4.9097, 4.2464, 14.7482
YIQ	56.2580, -26.5490, 13.0910

# Conversions

## Conversions Part 2

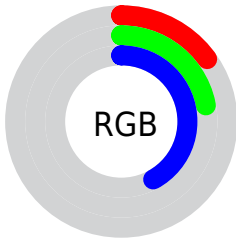
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 52, 108
Decimal	2570092
CIELab	24.47, 11.77, -32.94
CIElCh	24, 34.978, 289.669
Yxy	4.2464, 0.2054, 0.1776
Android (android.graphics.Color)	4280760172 (0xFF27376C)
YUV	56.2580, 25.5088, -15.1353
Hunter-Lab	20.6068, 6.4664, -28.0088

# Details

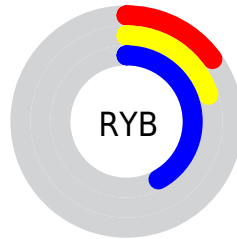
The Hex color **27376C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C5C27**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5B65A0**, and **000C3C** is the 20% darker color. If you saturate the color by 10%, you get **1C2F6C**, and if you desaturate by 10%, it is **323F6C**.

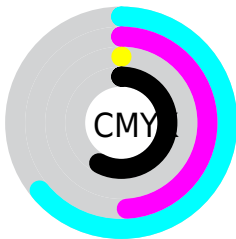
# Distribution



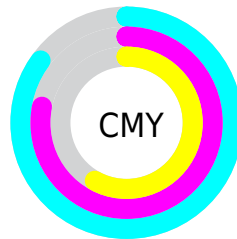
- Red (15%)
- Green (22%)
- Blue (42%)



- Red (15%)
- Yellow (20%)
- Blue (42%)



- Cyan (64%)
- Magenta (49%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (78%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27376C 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 27376C by changing the saturation by 10% instead.



■ 27376C

■ 27376C

FFFFFF

■ 072253

■ 5B65A0

■ 000C3C

■ 757EBB

■ 000226

■ 9098D7

■ 00010E

■ ACB3F4

■ 000000

■ C8CEFF

■ E4EBFF

■ 27376C

■ 27376C

■ 1C2F6C

■ 323F6C

■ 11266C

■ 3D486C

■ 071E6C

■ 47506C

■ 00196C

■ 52586C

■ 5D606C

■ 68696C

■ 73716C

■ 7D796C

■ 88826C

# Harmonies

## Analogous

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



00406E



27376C



512B5D

# Triad

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



27376C



602B12



004630

# Complementary

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



27376C



6C5C27

# 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.



144316



27376C



4F3600

# Square

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



27376C



69212A



373E00



00464B

# Rectangle

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



27376C



60234D



373E00



004527



# Sweetspot

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



27376C



72788C



276C5C



373B47



C7C7C7



474747



# Same Dimension

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



27376C



20398C



39276C



303136



001B75



0039F5



# Inverse Universe

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



6C2737



8C2039



5A6C27



363031



75001B



F50039



# Previews

## White Background



This preview shows how the Hex color 27376C looks on a white background.

## Color Contrast Check

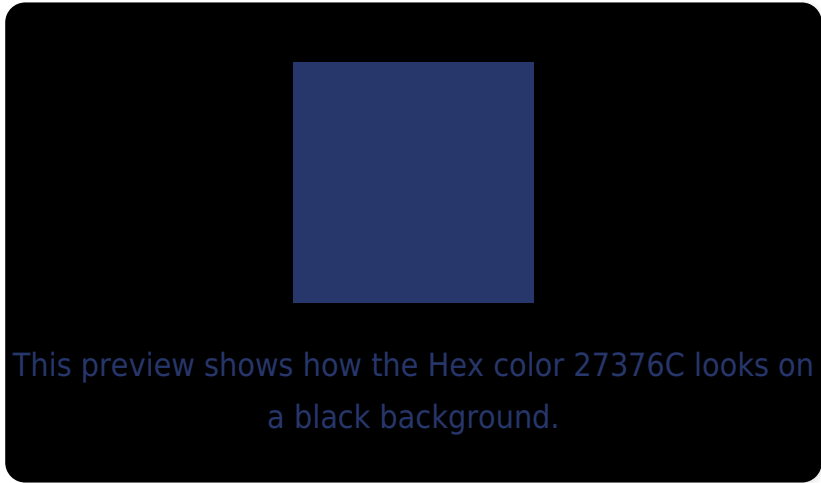
Large Text (above 18pt) WCAG AA ✓ Pass

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

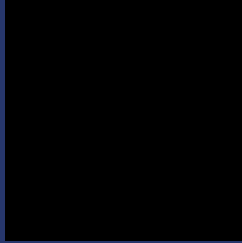
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 27376C Background



This preview shows how black text looks on a background with the Hex color 27376C.

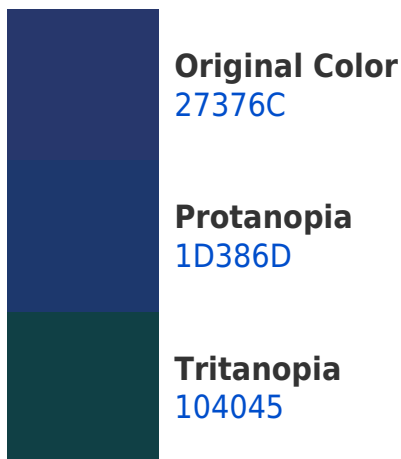


This preview shows how white text looks on a background with the Hex color 27376C.

# 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**  
27376C

**Protanomaly**  
21386D

**Tritanomaly**  
183D53

# Monochromacy



**Original Color**  
27376C

**Achromatopsia**  
383838

**Achromatomaly**  
32384B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27376C 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 #27376C looks like.

```
.text, #text, p{  
    color:#27376C  
}
```

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 #27376C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27376C
}
```

## Border

The CSS property to change the border of an element to Hex 27376C 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".

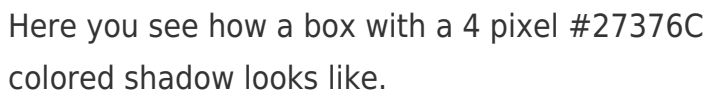
```
.border, #border, table{ border:4px solid
#27376C }
```

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

```
.border{ border-color:#27376C }
```

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

Here you see how a box with a 4 pixel #27376C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27376C; -webkit-box-shadow:4px 4px  
4px 4px #27376C; box-shadow:4px 4px 4px  
4px #27376C }
```

# Background

The CSS property to change the background color of an element to Hex 27376C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27376C }
```

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

```
.background{ background-color:#27376C }
```

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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