

Converting Colors

Hex(273161)

Have a look what the booklet for
Hex(273161) contains.

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Color

Hex(273161)

Conversions

Conversions Part 1

Format	Color
Hex	273161
RGB	39, 49, 97
RGB Percent	15%, 19%, 38%
CMY	0.8471, 0.8078, 0.6196
CMYK	0.60, 0.49, 0.00, 0.62
HSL	230°, 43%, 27%
HSV	230°, 60%, 38%
XYZ	4.0927, 3.4910, 11.7674
YIQ	51.4820, -21.3680, 12.8080

Conversions

Conversions Part 2

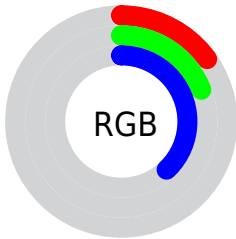
Format	Color
RYB	39, 48, 97
Decimal	2568545
CIELab	21.91, 11.84, -29.90
CIELCh	22, 32.158, 291.598
Yxy	3.4910, 0.2115, 0.1804
Android (android.graphics.Color)	4280758625 (0xFF273161)
YUV	51.4820, 22.4404, -10.9467
Hunter-Lab	18.6843, 6.4018, -24.2619




Details

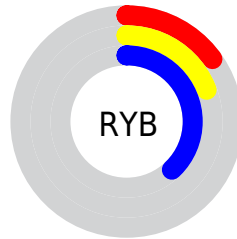
The Hex color **273161** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615727**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **595F94**, and **000232** is the 20% darker color. If you saturate the color by 10%, you get **1D2961**, and if you desaturate by 10%, it is **313961**.

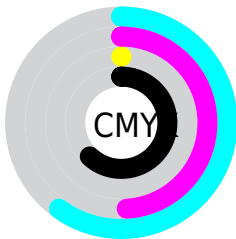
Distribution







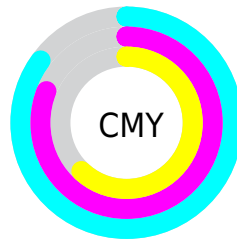
-  Red (15%)
-  Green (19%)
-  Blue (38%)






-  Red (15%)
-  Yellow (19%)
-  Blue (38%)



-  Cyan (60%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (85%)
-  Magenta (81%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273161 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 273161 by changing the saturation by 10% instead.

■ 273161

■ 273161

FFFFFF

■ 0B1C49

■ 595F94

■ 000232

■ 7378AF

■ 00021C

■ 8E91CA

■ 000000

■ A9ACE7

■ C5C7FF

■ E1E3FF

FEFFFF

■ 273161

■ 273161

■ 1D2961

■ 313961

■ 142161

■ 3A4161

■ 0A1961

■ 444961

■ 001161

■ 4E5161

■ 585961

■ 616161

■ 6B6961

■ 757161

■ 7E7961

Harmonies

Analogous

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



003964



273161



4B2652

Triad

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



273161



56270F



003F2D

Complementary

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



273161



615727

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.



103D15



273161



463100

Square

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



273161



5F1E24



303801



004045

Rectangle

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



273161



582044



303801



003F25

Sweetspot

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



273161



666A7D



276156



323440



BFBFBF



404040

Same Dimension

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



273161



23327D



392761



2C2C30



001370



0029F0

Inverse Universe

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



612731



7D2332



4F6127



302C2C



700013



F00029

Previews

White Background



This preview shows how the Hex color 273161 looks on a white background.

Color Contrast Check

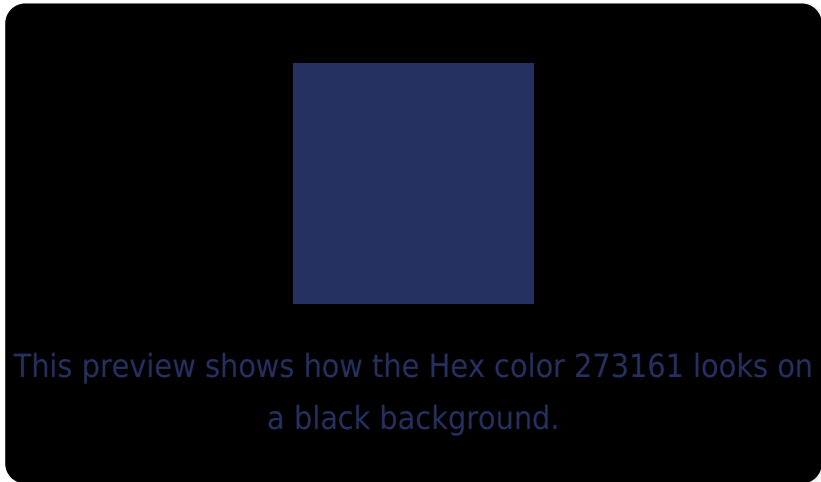
Large Text (above 18pt) WCAG AA ✓ Pass

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

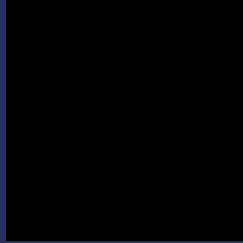
Any Text WCAG AA × Fail

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 273161 Background



This preview shows how black text looks on a background with the Hex color 273161.



This preview shows how white text looks on a background with the Hex color 273161.

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](#).

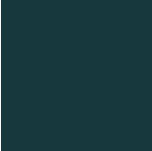
Dichromacy



Original Color
273161

Protanopia
1A3363

Deuteranopia
00365F



Tritanopia
17393E

Trichromacy



Original Color
273161

Protanomaly
1F3262

Deuteranomaly
0E3460

Tritanomaly
1D364B

Monochromacy



Original Color
273161

Achromatopsia
333333

Achromatomaly
2F3244

CSS Examples

Text

The CSS property to change the color of the text to Hex 273161 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 #273161 looks like.

```
.text, #text, p{  
    color:#273161  
}
```

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 #273161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273161
}
```

Border

The CSS property to change the border of an element to Hex 273161 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
#273161 }
```

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

```
.border{ border-color:#273161 }
```

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

Here you see how a box with a 4 pixel #273161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273161; -webkit-box-shadow:4px 4px  
4px 4px #273161; box-shadow:4px 4px 4px  
4px #273161 }
```

Background

The CSS property to change the background color of an element to Hex 273161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273161 }
```

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

```
.background{ background-color:#273161 }
```

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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