

Converting Colors

Hex(00275D)

Have a look what the booklet for
Hex(00275D) contains.

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Color

Hex(00275D)

Conversions

Conversions Part 1

Format	Color
Hex	00275D
RGB	0, 39, 93
RGB Percent	0%, 15%, 36%
CMY	1.0000, 0.8471, 0.6353
CMYK	1.00, 0.58, 0.00, 0.64
HSL	215°, 100%, 18%
HSV	215°, 100%, 36%
XYZ	2.7013, 2.2414, 10.6462
YIQ	33.4950, -40.5780, 8.5260

Conversions

Conversions Part 2

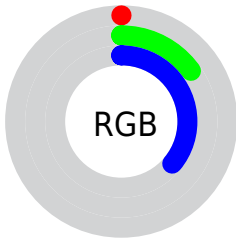
Format	Color
RYB	0, 27, 93
Decimal	10077
CIELab	16.71, 11.61, -35.75
CIELCh	17, 37.587, 287.995
Yxy	2.2414, 0.1733, 0.1438
Android (android.graphics.Color)	4278200157 (0xFF00275D)
YUV	33.4950, 29.3360, -29.3751
Hunter-Lab	14.9711, 6.0080, -31.6821

Details

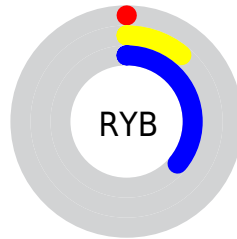
The Hex color **00275D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D3600**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **415390**, and **00042E** is the 20% darker color. If you saturate the color by 10%, you get **00275D**, and if you desaturate by 10%, it is **092C5D**.

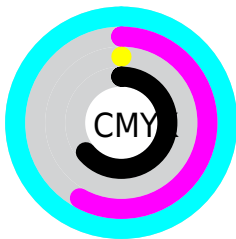
Distribution



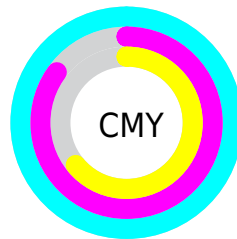
- Red (0%)
- Green (15%)
- Blue (36%)



- Red (0%)
- Yellow (11%)
- Blue (36%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00275D 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 00275D by changing the saturation by 10% instead.

■ 00275D

■ 00275D

FFFFFF

■ 001345

■ 415390

■ 00042E

■ 5C6BAB

■ 000119

■ 7784C6

■ 000000

■ 929FE2

■ AEB9FF

■ CAD5FF

■ E7F1FF

■ 00275D

■ 092C5D

■ 13325D

■ 1C375D

■ 253D5D

■ 2F425D

■ 38475D

■ 414D5D

■ 4A525D

■ 54585D

Harmonies

Analogous

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



00305E



00275D



3E194E

Triad

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



00275D



4F1600



00341D

Complementary

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



00275D



5D3600

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.



003200



00275D



3D2400

Square

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



00275D



57061B



252D00



003539

Rectangle

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



00275D



4E0D3E



252D00



003314

Sweetspot

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



00275D



546378



005D35



27303D



BDBDBD



3D3D3D

Same Dimension

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



00275D



003278



06005D



292B2E



002E6E



0063ED

Inverse Universe

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



5D0027



780032



575D00



2E292B



6E002E



ED0063

Previews

White Background



This preview shows how the Hex color 00275D 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

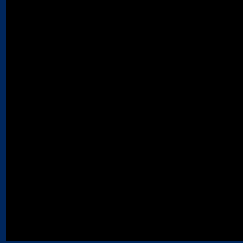
Any Text WCAG AA × Fail

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 00275D Background



This preview shows how black text looks on a background with the Hex color 00275D.



This preview shows how white text looks on a background with the Hex color 00275D.

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
00275D

Protanopia
002956

Deuteranopia
002B4A



Tritanopia
002F32

Trichromacy



Original Color
00275D

Protanomaly
002859

Deuteranomaly
002A51

Tritanomaly
002C42

Monochromacy



Original Color
00275D

Achromatopsia
212121

Achromatomaly
152337

CSS Examples

Text

The CSS property to change the color of the text to Hex 00275D 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 #00275D looks like.

```
.text, #text, p{  
    color:#00275D  
}
```

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 #00275D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00275D
}
```

Border

The CSS property to change the border of an element to Hex 00275D 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
#00275D }
```

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

```
.border{ border-color:#00275D }
```

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

Here you see how a box with a 4 pixel #00275D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00275D; -webkit-box-shadow:4px 4px  
4px 4px #00275D; box-shadow:4px 4px 4px  
4px #00275D }
```

Background

The CSS property to change the background color of an element to Hex 00275D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00275D }
```

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

```
.background{ background-color:#00275D }
```

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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