

Converting Colors

Hex(27435D)

Have a look what the booklet for
Hex(27435D) contains.

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Color

Hex(27435D)

Conversions

Conversions Part 1

Format	Color
Hex	27435D
RGB	39, 67, 93
RGB Percent	15%, 26%, 36%
CMY	0.8471, 0.7373, 0.6353
CMYK	0.58, 0.28, 0.00, 0.64
HSL	209°, 41%, 26%
HSV	209°, 58%, 36%
XYZ	4.8196, 5.2360, 11.1125
YIQ	61.5920, -25.0340, 2.1500

Conversions

Conversions Part 2

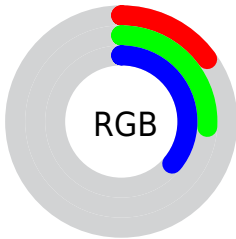
Format	Color
RYB	39, 57, 93
Decimal	2573149
CIELab	27.40, -1.99, -18.64
CIELCh	27, 18.749, 263.914
Yxy	5.2360, 0.2277, 0.2474
Android (android.graphics.Color)	4280763229 (0xFF27435D)
YUV	61.5920, 15.4841, -19.8132
Hunter-Lab	22.8822, -2.4468, -12.7761




Details

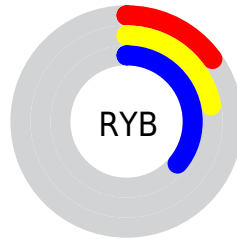
The Hex color **27435D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D4127**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **59738F**, and **00192F** is the 20% darker color. If you saturate the color by 10%, you get **1E3F5D**, and if you desaturate by 10%, it is **30475D**.

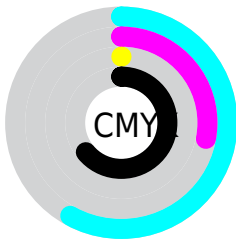
Distribution







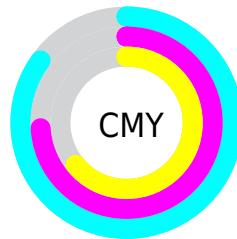
-  Red (15%)
-  Green (26%)
-  Blue (36%)






-  Red (15%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (58%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (85%)
-  Magenta (74%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27435D 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 27435D by changing the saturation by 10% instead.

■ 27435D

■ 27435D

FFFFFF

■ 0C2D45

■ 59738F

■ 00192F

■ 728CAA

■ 00011A

■ 8CA7C5

■ 000000

■ A7C2E1

■ C3DEFE

■ DFFAFF

■ FFFFFFF

■ 27435D

■ 27435D

■ 1E3F5D

■ 30475D

■ 143A5D

■ 3A4C5D

■ 0B365D

■ 43505D

■ 02315D

■ 4C555D

■ 00305D

■ 56595D

■ 5F5E5D

■ 68625D

■ 71675D

■ 7B6B5D

Harmonies

Analogous

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



0E4757



27435D



3E3E5B

Triad

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



27435D



5D3636



2E472F

Complementary

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



27435D



5D4127

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.



3E4326



27435D



583A2A

Square

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



27435D



5A3644



4D3F24



1B483D

Rectangle

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



27435D



4B3B55



4D3F24



34462C

Sweetspot

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



27435D



636E78



275D40



31373D



BDBDBD



3D3D3D

Same Dimension

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



27435D



244F78



27295D



292C2E



00396E



007BED

Inverse Universe

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



5D2743



78244F



5D5B27



2E292C



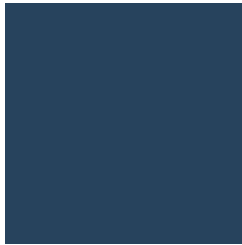
6E0039



ED007B

Previews

White Background



This preview shows how the Hex color 27435D looks on a white background.

Color Contrast Check

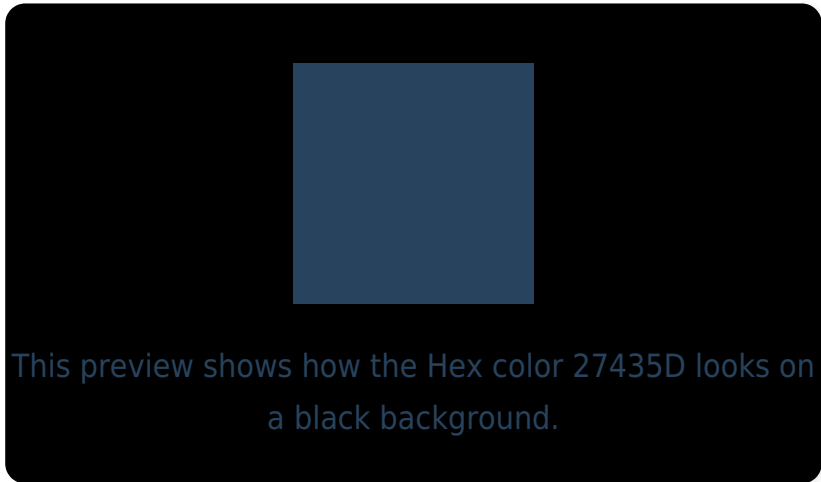
Large Text (above 18pt) WCAG AA ✓ Pass

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

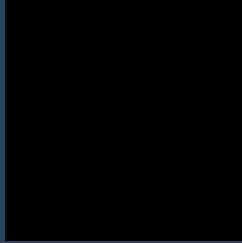
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

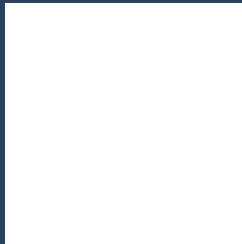
Any Text WCAG AAA × Fail

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

Hex 27435D Background



This preview shows how black text looks on a background with the Hex color 27435D.



This preview shows how white text looks on a background with the Hex color 27435D.

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](#).

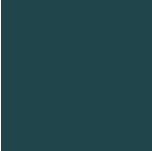
Dichromacy



Original Color
27435D

Protanopia
38405A

Deuteranopia
35405E



Tritanopia
20464C

Trichromacy



Original Color
27435D

Protanomaly
32415B

Deuteranomaly
30415E

Tritanomaly
234552

Monochromacy



Original Color
27435D

Achromatopsia
3E3E3E

Achromatomaly
364049

CSS Examples

Text

The CSS property to change the color of the text to Hex 27435D 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 #27435D looks like.

```
.text, #text, p{  
    color:#27435D  
}
```

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 #27435D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27435D
}
```

Border

The CSS property to change the border of an element to Hex 27435D 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
#27435D }
```

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

```
.border{ border-color:#27435D }
```

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

Here you see how a box with a 4 pixel #27435D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27435D; -webkit-box-shadow:4px 4px  
4px 4px #27435D; box-shadow:4px 4px 4px  
4px #27435D }
```

Background

The CSS property to change the background color of an element to Hex 27435D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27435D }
```

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

```
.background{ background-color:#27435D }
```

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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