

Converting Colors

Hex(252F49)

Have a look what the booklet for
Hex(252F49) contains.

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Color

Hex(252F49)

Conversions

Conversions Part 1

Format	Color
Hex	252F49
RGB	37, 47, 73
RGB Percent	15%, 18%, 29%
CMY	0.8549, 0.8157, 0.7137
CMYK	0.49, 0.36, 0.00, 0.71
HSL	223°, 33%, 22%
HSV	223°, 49%, 29%
XYZ	2.9821, 2.9074, 6.7073
YIQ	46.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

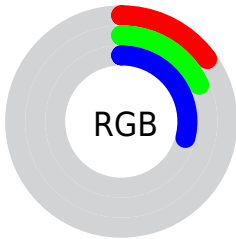
Format	Color
RYB	37, 45, 73
Decimal	2436937
CIELab	19.67, 3.95, -17.49
CIElCh	20, 17.931, 282.736
Yxy	2.9074, 0.2367, 0.2308
Android (android.graphics.Color)	4280627017 (0xFF252F49)
YUV	46.9740, 12.8308, -8.7472
Hunter-Lab	17.0511, 1.3786, -11.3871

Details

The Hex color **252F49** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **493F25**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **545D7A**, and **00001E** is the 20% darker color. If you saturate the color by 10%, you get **1E2A49**, and if you desaturate by 10%, it is **2C3449**.

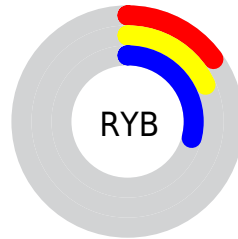
Distribution



Red (15%)

Green (18%)

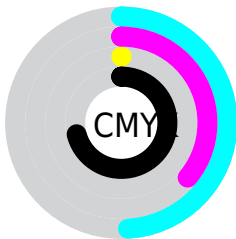
Blue (29%)



Red (15%)

Yellow (18%)

Blue (29%)

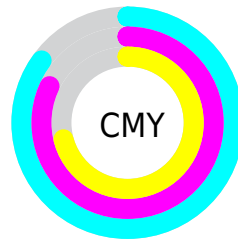


Cyan (49%)

Magenta (36%)

Yellow (0%)

Black (71%)



Cyan (85%)

Magenta (82%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252F49 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 252F49 by changing the saturation by 10% instead.



252F49



252F49

FFFFFF



0E1A32



545D7A



00001E



6D7594



000000



868FAE



A1A9CA



BCC4E6



D8E0FF



F5FDFD



252F49



252F49

■ 1E2A49

■ 2C3449

■ 162449

■ 343A49

■ 0F1F49

■ 3B3F49

■ 081A49

■ 424449

■ 011549

■ 4A4949

■ 001449

■ 514F49

■ 585449

■ 5F5949

■ 675E49

Harmonies

Analogous

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



0A3348



252F49



382A43

Triad

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



252F49



46281E



123627

Complementary

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



252F49



493F25

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.



24341C



252F49



3E2C17

Square

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



252F49



49252A



323115



003635

Rectangle

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



252F49



41273C



323115



193523

Sweetspot

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



252F49



50545E



25493F



282A30



B0B0B0



303030

Same Dimension

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



252F49



27365E



2D2549



202124



001C63



003FE3

Inverse Universe

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



49252F



5E2736



414925



242021



63001C



E3003F

Previews

White Background



This preview shows how the Hex color 252F49 looks on a white background.

Color Contrast Check

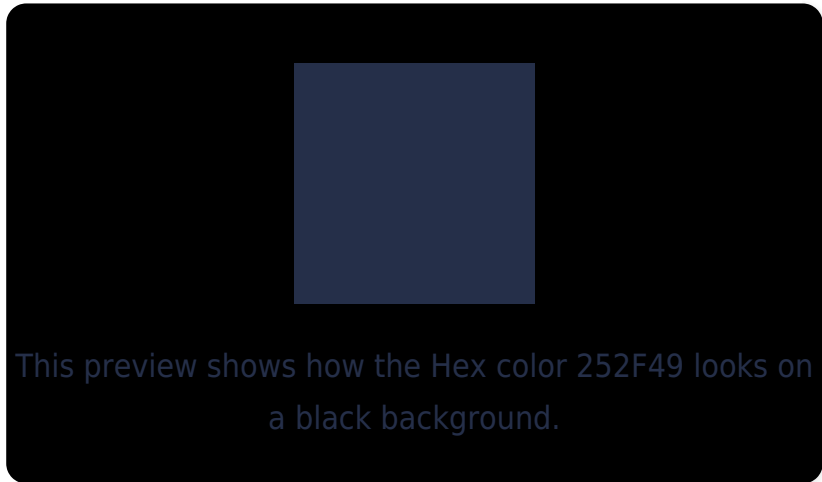
Large Text (above 18pt) WCAG AA ✓ Pass

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

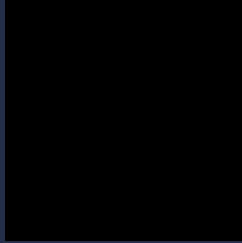
Any Text WCAG AA × Fail

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 252F49 Background



This preview shows how black text looks on a background with the Hex color 252F49.



This preview shows how white text looks on a background with the Hex color 252F49.

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

252F49

Protanopia

262F49

Deuteranopia

232F49



Tritanopia
1F3337

Trichromacy



Original Color
252F49

Protanomaly
262F49

Deuteranomaly
242F49

Tritanomaly
21323E

Monochromacy



Original Color
252F49

Achromatopsia
2F2F2F

Achromatomaly
2B2F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 252F49 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 #252F49 looks like.

```
.text, #text, p{  
    color:#252F49  
}
```

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 #252F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252F49
}
```

Border

The CSS property to change the border of an element to Hex 252F49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

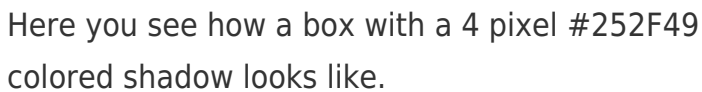
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252F49 }
```

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

```
.border{ border-color:#252F49 }
```

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



Here you see how a box with a 4 pixel #252F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252F49; -webkit-box-shadow:4px 4px  
4px 4px #252F49; box-shadow:4px 4px 4px  
4px #252F49 }
```

Background

The CSS property to change the background color of an element to Hex 252F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252F49 }
```

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

```
.background{ background-color:#252F49 }
```

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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