

Converting Colors

Hex(272F44)

Have a look what the booklet for
Hex(272F44) contains.

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Color

Hex(272F44)

Conversions

Conversions Part 1

Format	Color
Hex	272F44
RGB	39, 47, 68
RGB Percent	15%, 18%, 27%
CMY	0.8471, 0.8157, 0.7333
CMYK	0.43, 0.31, 0.00, 0.73
HSL	223°, 27%, 21%
HSV	223°, 43%, 27%
XYZ	2.8966, 2.8817, 5.8724
YIQ	47.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

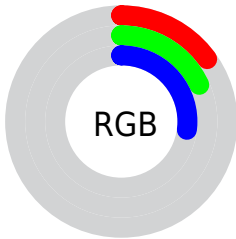
Format	Color
R_{YB}	39, 45, 68
Decimal	2568004
CIE _{Lab}	19.56, 2.89, -14.25
CIE _{LCh}	20, 14.536, 281.450
Yxy	2.8817, 0.2486, 0.2473
Android (android.graphics.Color)	4280758084 (0xFF272F44)
YUV	47.0020, 10.3520, -7.0178
Hunter-Lab	16.9756, 0.7506, -8.6273

Details

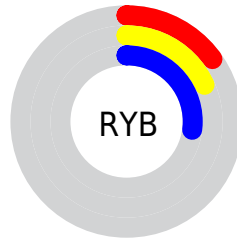
The Hex color **272F44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **443C27**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **555D74**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **202A44**, and if you desaturate by 10%, it is **2E3444**.

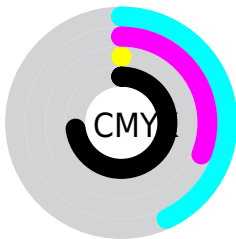
Distribution



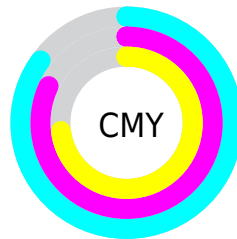
- Red (15%)
- Green (18%)
- Blue (27%)



- Red (15%)
- Yellow (18%)
- Blue (27%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (73%)



- Cyan (85%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272F44 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 272F44 by changing the saturation by 10% instead.

■ 272F44

■ 272F44

FFFFFF

■ 111A2E

■ 555D74

■ 000119

■ 6E758E

■ 000000

■ 888FA8

■ A2A9C4

■ BDC5DF

■ D9E0FC

■ F6FDFD

■ 272F44

■ 272F44

■ 202A44

■ 2E3444

■ 192544

■ 353944

■ 132044

■ 3B3E44

■ 0C1B44

■ 424344

■ 051644

■ 494844

■ 001344

■ 504D44

■ 575144

■ 5D5644

■ 645B44

Harmonies

Analogous

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



163243



272F44



362B3F

Triad

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



272F44



432922



1A3528

Complementary

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



272F44



443C27

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.



27331F



272F44



3C2C1B

Square

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



272F44



44272C



32301A



0D3533

Rectangle

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



272F44



3D293A



32301A



1E3425

Sweetspot

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



272F44



4E5159



27443C



27292E



ADADAD



2E2E2E

Same Dimension

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



272F44



2C3859



2D2744



1E1F21



001B61



003EE0

Inverse Universe

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



44272F



592C38



3E4427



211E1F



61001B



E0003E

Previews

White Background



This preview shows how the Hex color 272F44 looks on a white background.

Color Contrast Check

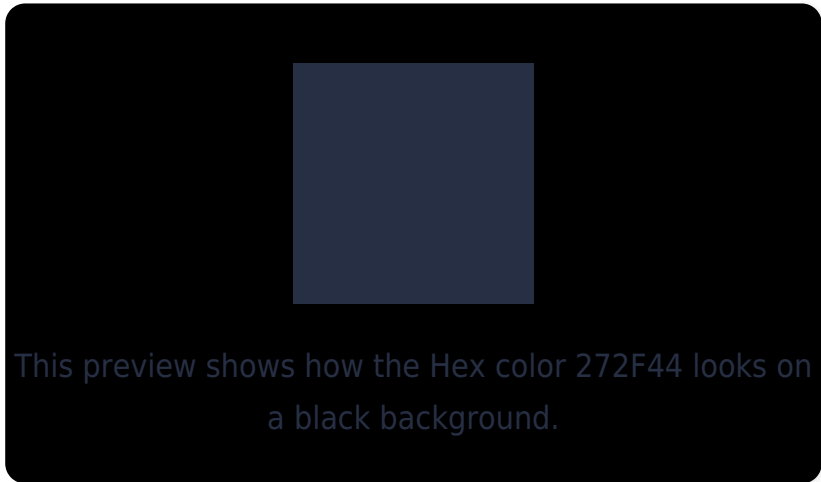
Large Text (above 18pt) WCAG AA ✓ Pass

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

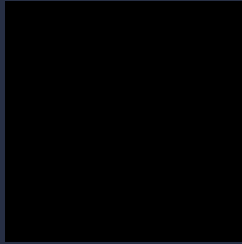
Any Text WCAG AA × Fail

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 272F44 Background



This preview shows how black text looks on a background with the Hex color 272F44.



This preview shows how white text looks on a background with the Hex color 272F44.

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](#).

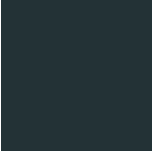
Dichromacy



Original Color
272F44

Protanopia
292F44

Deuteranopia
272F44



Tritanopia
233236

Trichromacy



Original Color

272F44

Protanomaly

282F44

Deuteranomaly

272F44

Tritanomaly

24313B

Monochromacy



Original Color

272F44

Achromatopsia

2F2F2F

Achromatomaly

2C2F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 272F44 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 #272F44 looks like.

```
.text, #text, p{  
    color:#272F44  
}
```

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 #272F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272F44
}
```

Border

The CSS property to change the border of an element to Hex 272F44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

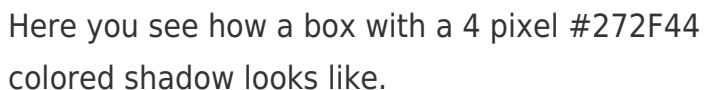
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272F44 }
```

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

```
.border{ border-color:#272F44 }
```

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



Here you see how a box with a 4 pixel #272F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272F44; -webkit-box-shadow:4px 4px  
4px 4px #272F44; box-shadow:4px 4px 4px  
4px #272F44 }
```

Background

The CSS property to change the background color of an element to Hex 272F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272F44 }
```

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

```
.background{ background-color:#272F44 }
```

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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