

Converting Colors

Hex(27222F)

Have a look what the booklet for
Hex(27222F) contains.

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Color

Hex(27222F)

Conversions

Conversions Part 1

Format	Color
Hex	27222F
RGB	39, 34, 47
RGB Percent	15%, 13%, 18%
CMY	0.8471, 0.8667, 0.8157
CMYK	0.17, 0.28, 0.00, 0.82
HSL	263°, 16%, 16%
HSV	263°, 28%, 18%
XYZ	1.9218, 1.7806, 2.9317
YIQ	36.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

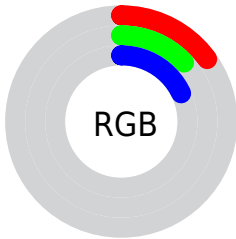
Format	Color
R _Y B	39, 34, 47
Decimal	2564655
CIE Lab	14.29, 5.65, -7.72
CIE LCh	14, 9.566, 306.207
Yxy	1.7806, 0.2897, 0.2684
Android (android.graphics.Color)	4280754735 (0xFF27222F)
YUV	36.9770, 4.9413, 1.7742
Hunter-Lab	13.3440, 2.3557, -3.6854

Details

The Hex color **27222F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2F22**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **544E5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241D2F**, and if you desaturate by 10%, it is **2A272F**.

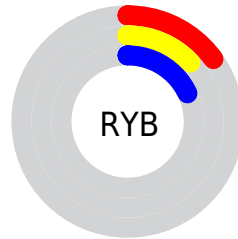
Distribution



Red (15%)

Green (13%)

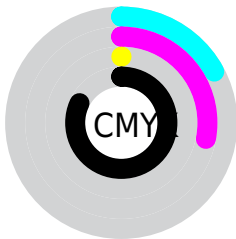
Blue (18%)



Red (15%)

Yellow (13%)

Blue (18%)

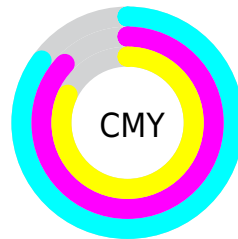


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (82%)



Cyan (85%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27222F 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 27222F by changing the saturation by 10% instead.



27222F



27222F

FFFFFF



130C1A



544E5D



000000



6C6676



867F8F



A099AA



BBB4C5



D7CFE1



F3ECFD



27222F



27222F

■ 241D2F

■ 2A272F

■ 21192F

■ 2D2B2F

■ 1E142F

■ 30302F

■ 1B0F2F

■ 33352F

■ 190A2F

■ 353A2F

■ 16062F

■ 383E2F

■ 13012F

■ 3B432F

■ 12002F

■ 3E482F

■ 414C2F

Harmonies

Analogous

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



1E2431



27222F



2E202A

Triad

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



27222F



2E2218



122825

Complementary

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



27222F



2A2F22

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.



19271F



27222F



282417

Square

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



27222F



31201D



202619



10282C

Rectangle

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



27222F



311F25



202619



142823

Sweetspot

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



27222F



3A383D



222A2F



1D1C1F



9E9E9E



1F1F1F

Same Dimension

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



27222F



31293D



2D222F



161517



210057



5200D6

Inverse Universe

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



2F222A



3D2935



242F22



171516



570035



D60084

Previews

White Background



This preview shows how the Hex color 27222F looks on a white background.

Color Contrast Check

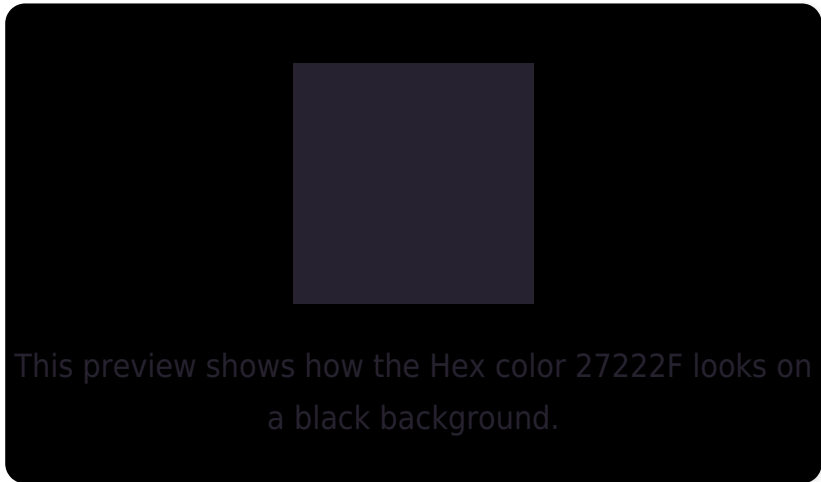
Large Text (above 18pt) WCAG AA ✓ Pass

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

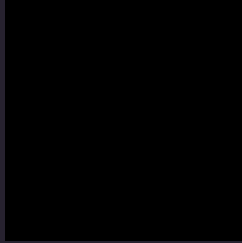
Any Text WCAG AA × Fail

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 27222F Background



This preview shows how black text looks on a background with the Hex color 27222F.



This preview shows how white text looks on a background with the Hex color 27222F.

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
27222F

Protanopia
212430

Deuteranopia
22242F



Tritanopia
262426

Trichromacy



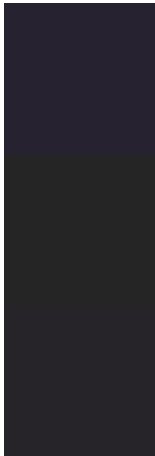
Original Color
27222F

Protanomaly
232330

Deuteranomaly
24232F

Tritanomaly
262329

Monochromacy



Original Color
27222F

Achromatopsia
252525

Achromatomaly
262429

CSS Examples

Text

The CSS property to change the color of the text to Hex 27222F 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 #27222F looks like.

```
.text, #text, p{  
    color:#27222F  
}
```

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 #27222F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27222F
}
```

Border

The CSS property to change the border of an element to Hex 27222F is called "border". The border property can be set on classes, ids or directly on the HTML element.

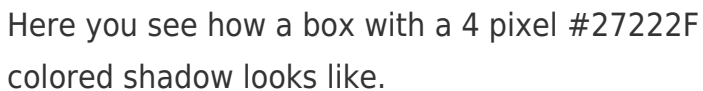
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27222F }
```

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

```
.border{ border-color:#27222F }
```

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



Here you see how a box with a 4 pixel #27222F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27222F; -webkit-box-shadow:4px 4px  
4px 4px #27222F; box-shadow:4px 4px 4px  
4px #27222F }
```

Background

The CSS property to change the background color of an element to Hex 27222F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27222F }
```

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

```
.background{ background-color:#27222F }
```

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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