

Converting Colors

Hex(222A2F)

Have a look what the booklet for
Hex(222A2F) contains.

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Color

Hex(222A2F)

Conversions

Conversions Part 1

Format	Color
Hex	222A2F
RGB	34, 42, 47
RGB Percent	13%, 16%, 18%
CMY	0.8667, 0.8353, 0.8157
CMYK	0.28, 0.11, 0.00, 0.82
HSL	203°, 16%, 16%
HSV	203°, 28%, 18%
XYZ	2.0007, 2.2012, 3.0088
YIQ	40.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

Format	Color
RYB	34, 39, 47
Decimal	2239023
CIELab	16.51, -2.07, -4.41
CIELCh	17, 4.876, 244.845
Yxy	2.2012, 0.2775, 0.3053
Android (android.graphics.Color)	4280429103 (0xFF222A2F)
YUV	40.1780, 3.3632, -5.4181
Hunter-Lab	14.8366, -1.8930, -1.6380

Details

The Hex color **222A2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2722**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4F575D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D282F**, and if you desaturate by 10%, it is **272C2F**.

Distribution



Red (13%)

Green (16%)

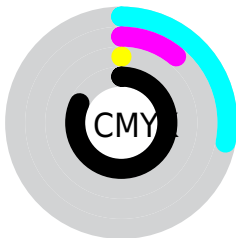
Blue (18%)



Red (13%)

Yellow (15%)

Blue (18%)

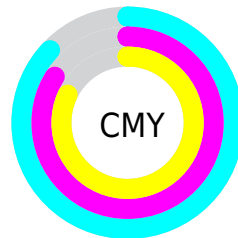


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (84%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222A2F 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 222A2F by changing the saturation by 10% instead.

■ 222A2F

■ 222A2F

FFFFFF

■ 0D161A

■ 4F575D

■ 000000

■ 677075

■ 80898F

■ 9AA3A9

■ B5BEC5

■ D0DAE1

■ ECF7FD

■ 222A2F

■ 222A2F

■ 1D282F

■ 272C2F

■ 19262F

■ 2B2E2F

■ 14252F

■ 302F2F

■ 0F232F

■ 35312F

■ 0A212F

■ 3A332F

■ 061F2F

■ 3E352F

■ 011D2F

■ 43372F

■ 001D2F

■ 48382F

■ 4C3A2F

Harmonies

Analogous

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



202B2D



222A2F



262930

Triad

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



222A2F



302628



272A23

Complementary

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



222A2F



2F2722

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.



2B2922



222A2F



302725

Square

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



222A2F



2E272C



2E2823



232B26

Rectangle

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



222A2F



29282F



2E2823



292A23

Sweetspot

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



222A2F



383B3D



222F27



1C1D1F



9E9E9E



1F1F1F

Same Dimension

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



222A2F



29353D



22242F



151617



003557



0084D6

Inverse Universe

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



2F222A



3D2935



2F2D22



171516



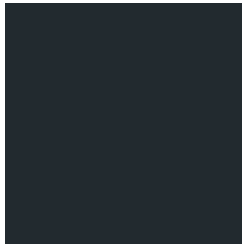
570035



D60084

Previews

White Background



This preview shows how the Hex color 222A2F looks on a white background.

Color Contrast Check

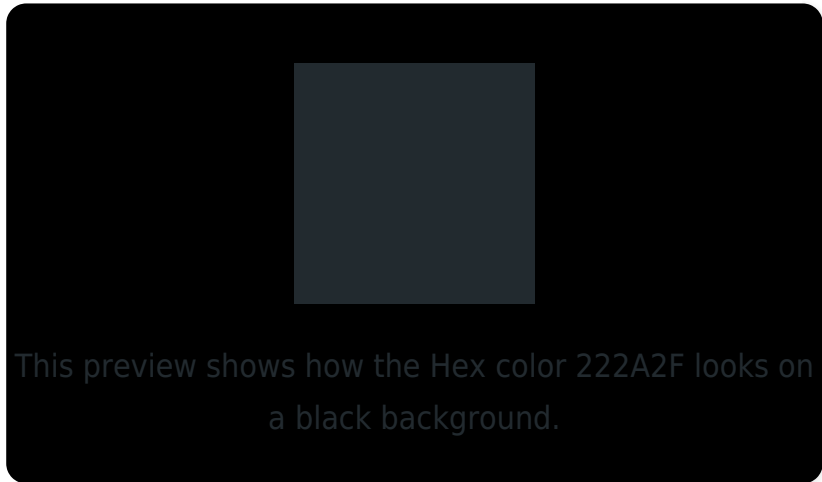
Large Text (above 18pt) WCAG AA ✓ Pass

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

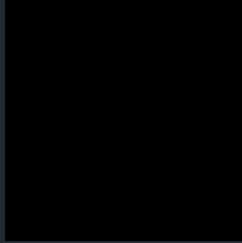
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

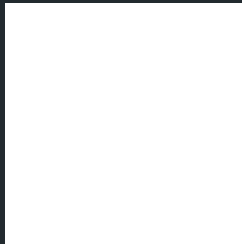
Any Text WCAG AAA × Fail

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

Hex 222A2F Background



This preview shows how black text looks on a background with the Hex color 222A2F.



This preview shows how white text looks on a background with the Hex color 222A2F.

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
222A2F

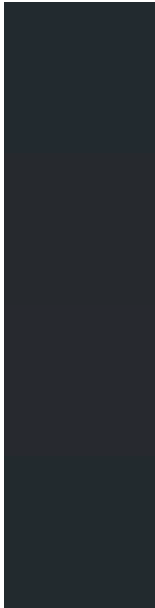
Protanopia
28282E

Deuteranopia
2A282F



Tritanopia
222A2E

Trichromacy



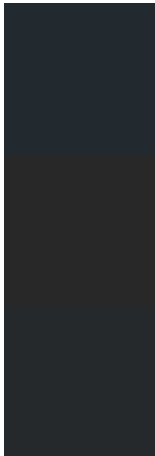
Original Color
222A2F

Protanomaly
26292E

Deuteranomaly
27292F

Tritanomaly
222A2E

Monochromacy



Original Color
222A2F

Achromatopsia
282828

Achromatomaly
26292B

CSS Examples

Text

The CSS property to change the color of the text to Hex 222A2F 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 #222A2F looks like.

```
.text, #text, p{  
    color:#222A2F  
}
```

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 #222A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222A2F
}
```

Border

The CSS property to change the border of an element to Hex 222A2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

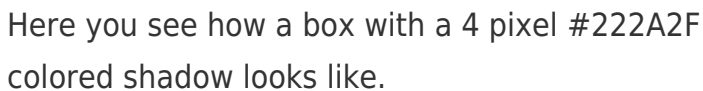
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222A2F }
```

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

```
.border{ border-color:#222A2F }
```

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



Here you see how a box with a 4 pixel #222A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222A2F; -webkit-box-shadow:4px 4px  
4px 4px #222A2F; box-shadow:4px 4px 4px  
4px #222A2F }
```

Background

The CSS property to change the background color of an element to Hex 222A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222A2F }
```

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

```
.background{ background-color:#222A2F }
```

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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