

Converting Colors

Hex(222F32)

Have a look what the booklet for
Hex(222F32) contains.

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Color

Hex(222F32)

Conversions

Conversions Part 1

Format	Color
Hex	222F32
RGB	34, 47, 50
RGB Percent	13%, 18%, 20%
CMY	0.8667, 0.8157, 0.8039
CMYK	0.32, 0.06, 0.00, 0.80
HSL	191°, 19%, 16%
HSV	191°, 32%, 20%
XYZ	2.2519, 2.6034, 3.4014
YIQ	43.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

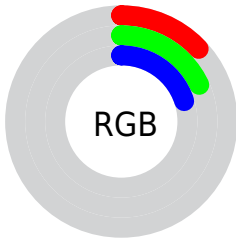
Format	Color
RYB	34, 41, 50
Decimal	2240306
CIELab	18.38, -4.58, -3.71
CIElCh	18, 5.898, 219.017
Yxy	2.6034, 0.2727, 0.3153
Android (android.graphics.Color)	4280430386 (0xFF222F32)
YUV	43.4550, 3.2267, -8.2920
Hunter-Lab	16.1351, -3.3236, -1.2044

Details

The Hex color **222F32** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322522**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4F5D60**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **1D2E32**, and if you desaturate by 10%, it is **273032**.

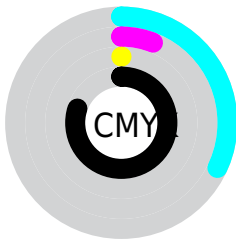
Distribution



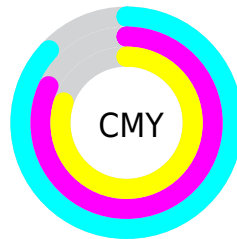
- Red (13%)
- Green (18%)
- Blue (20%)



- Red (13%)
- Yellow (16%)
- Blue (20%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222F32 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 222F32 by changing the saturation by 10% instead.

■ 222F32

■ 222F32

FFFFFF

■ 0D1A1D

■ 4F5D60

■ 000002

■ 677579

■ 000000

■ 808F93

■ 9AAAAAD

■ B5C5C9

■ D1E1E5

■ EDFDFF

■ 222F32

■ 222F32

■ 1D2E32

■ 273032

■ 182D32

■ 2C3132

■ 132C32

■ 313232

■ 0E2B32

■ 363332

■ 092A32

■ 3B3432

■ 042932

■ 403532

■ 002932

■ 453632

■ 4A3732

■ 4F3732

Harmonies

Analogous

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



222F2E



222F32



252E35

Triad

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



222F32



342A30



2F2D24

Complementary

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



222F32



322522

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.



332C25



222F32



362A2C

Square

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



222F32



2F2B33



352A28



2A2E26

Rectangle

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



222F32



282D35



352A28



302C24

Sweetspot

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



222F32



393F40



223225



1D2021



A1A1A1



212121

Same Dimension

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



222F32



283B40



222732



17191A



004959



00B0D9

Inverse Universe

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



32222F



40283B



322D22



1A1719



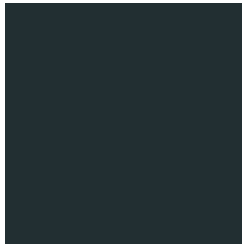
590049



D900B0

Previews

White Background



This preview shows how the Hex color 222F32 looks on a white background.

Color Contrast Check

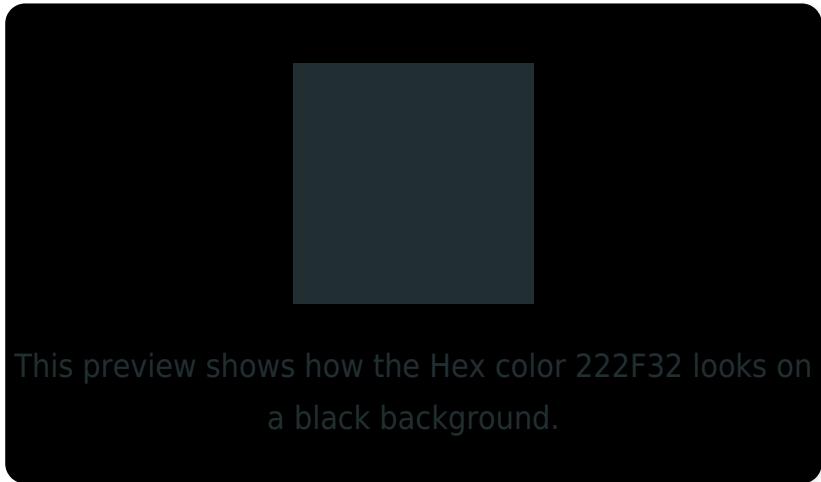
Large Text (above 18pt) WCAG AA ✓ Pass

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

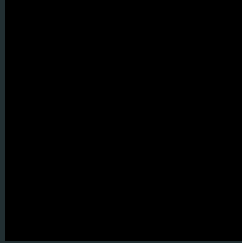
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

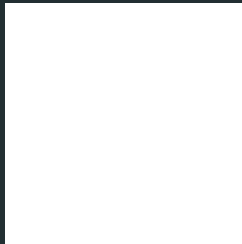
Any Text WCAG AAA × Fail

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

Hex 222F32 Background



This preview shows how black text looks on a background with the Hex color 222F32.



This preview shows how white text looks on a background with the Hex color 222F32.

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
222F32

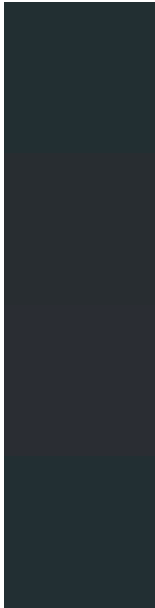
Protanopia
2C2C30

Deuteranopia
2E2C33



Tritanopia
222F33

Trichromacy



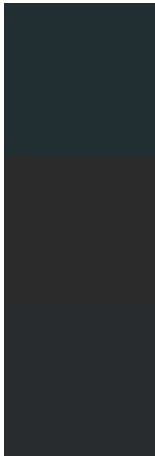
Original Color
222F32

Protanomaly
282D31

Deuteranomaly
2A2D33

Tritanomaly
222F33

Monochromacy



Original Color
222F32

Achromatopsia
2B2B2B

Achromatomaly
282C2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 222F32 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 #222F32 looks like.

```
.text, #text, p{  
    color:#222F32  
}
```

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 #222F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222F32
}
```

Border

The CSS property to change the border of an element to Hex 222F32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

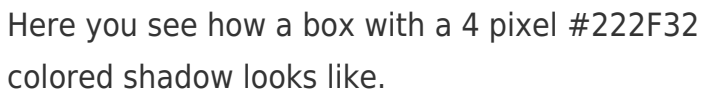
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222F32 }
```

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

```
.border{ border-color:#222F32 }
```

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



Here you see how a box with a 4 pixel #222F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222F32; -webkit-box-shadow:4px 4px  
4px 4px #222F32; box-shadow:4px 4px 4px  
4px #222F32 }
```

Background

The CSS property to change the background color of an element to Hex 222F32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222F32 }
```

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

```
.background{ background-color:#222F32 }
```

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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