

Converting Colors

Hex(222C3C)

Have a look what the booklet for
Hex(222C3C) contains.

Hex(222C3C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(222C3C)

Conversions

Conversions Part 1

Format	Color
Hex	222C3C
RGB	34, 44, 60
RGB Percent	13%, 17%, 24%
CMY	0.8667, 0.8275, 0.7647
CMYK	0.43, 0.27, 0.00, 0.76
HSL	217°, 28%, 18%
HSV	217°, 43%, 24%
XYZ	2.3760, 2.4677, 4.6260
YIQ	42.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

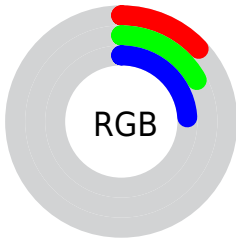
Format	Color
R_{YB}	34, 41, 60
Decimal	2239548
CIE Lab	17.77, 0.63, -11.56
CIE LCh	18, 11.578, 273.112
Yxy	2.4677, 0.2509, 0.2606
Android (android.graphics.Color)	4280429628 (0xFF222C3C)
YUV	42.8340, 8.4628, -7.7474
Hunter-Lab	15.7089, -0.4923, -6.4639

Details

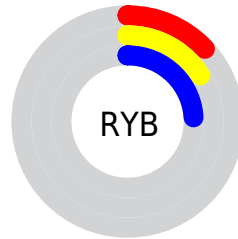
The Hex color **222C3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3222**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **50596B**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **1C283C**, and if you desaturate by 10%, it is **28303C**.

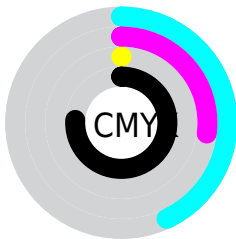
Distribution



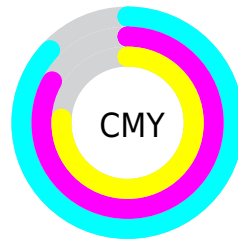
- Red (13%)
- Green (17%)
- Blue (24%)



- Red (13%)
- Yellow (16%)
- Blue (24%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222C3C 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 222C3C by changing the saturation by 10% instead.

■ 222C3C

■ 222C3C

FFFFFF

■ 0D1826

■ 50596B

■ 000111

■ 687285

■ 000000

■ 818B9F

■ 9BA6BA

■ B6C1D5

■ D2DDF2

■ EEF9FF

■ 222C3C

■ 222C3C

■ 1C283C

■ 28303C

■ 16253C

■ 2E333C

■ 10213C

■ 34373C

■ 0A1D3C

■ 3A3B3C

■ 041A3C

■ 403E3C

■ 00173C

■ 46423C

■ 4C463C

■ 524A3C

■ 584D3C

Harmonies

Analogous

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



172E3A



222C3C



2E2939

Triad

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



222C3C



3C2623



1E2F24

Complementary

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



222C3C



3C3222

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.



282E1D



222C3C



38281D

Square

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



222C3C



3C252B



312B1B



15302C

Rectangle

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



222C3C



342736



312B1B



212F21

Sweetspot

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



222C3C



45494F



223C32



222529



A8A8A8



292929

Same Dimension

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



222C3C



26364F



25223C



1C1D1F



00245E



0055DE

Inverse Universe

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



3C222C



4F2636



393C22



1F1C1D



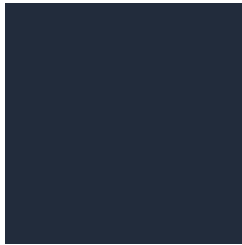
5E0024



DE0055

Previews

White Background



This preview shows how the Hex color 222C3C looks on a white background.

Color Contrast Check

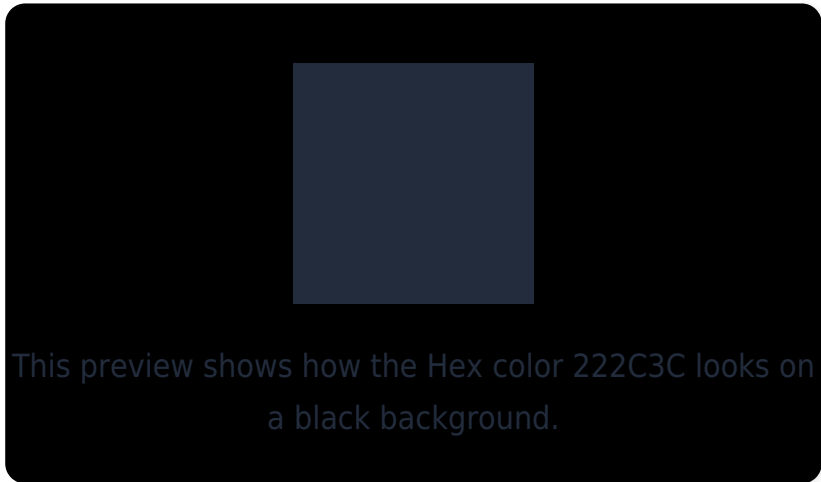
Large Text (above 18pt) WCAG AA ✓ Pass

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

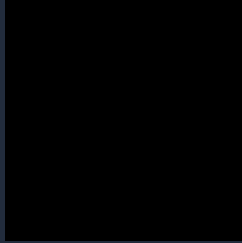
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

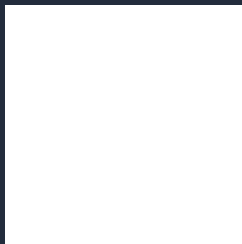
Any Text WCAG AAA × Fail

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

Hex 222C3C Background



This preview shows how black text looks on a background with the Hex color 222C3C.



This preview shows how white text looks on a background with the Hex color 222C3C.

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
222C3C

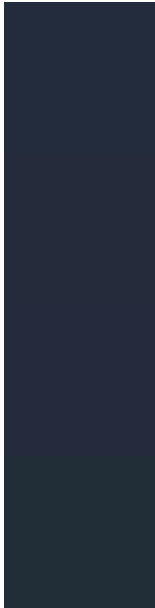
Protanopia
272B3B

Deuteranopia
262B3C



Tritanopia
1F2E32

Trichromacy



Original Color
222C3C

Protanomaly
252B3B

Deuteranomaly
252B3C

Tritanomaly
202D36

Monochromacy



Original Color
222C3C

Achromatopsia
2B2B2B

Achromatomaly
282B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 222C3C 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 #222C3C looks like.

```
.text, #text, p{  
    color:#222C3C  
}
```

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 #222C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222C3C
}
```

Border

The CSS property to change the border of an element to Hex 222C3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

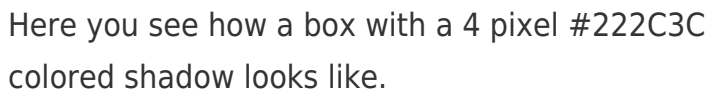
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222C3C }
```

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

```
.border{ border-color:#222C3C }
```

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



Here you see how a box with a 4 pixel #222C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222C3C; -webkit-box-shadow:4px 4px  
4px 4px #222C3C; box-shadow:4px 4px 4px  
4px #222C3C }
```

Background

The CSS property to change the background color of an element to Hex 222C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222C3C }
```

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

```
.background{ background-color:#222C3C }
```

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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