

Converting Colors

Hex(222B3A)

Have a look what the booklet for
Hex(222B3A) contains.

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Color

Hex(222B3A)

Conversions

Conversions Part 1

Format	Color
Hex	222B3A
RGB	34, 43, 58
RGB Percent	13%, 17%, 23%
CMY	0.8667, 0.8314, 0.7725
CMYK	0.41, 0.26, 0.00, 0.77
HSL	218°, 26%, 18%
HSV	218°, 41%, 23%
XYZ	2.2873, 2.3733, 4.3405
YIQ	42.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

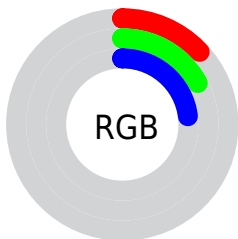
Format	Color
R_{YB}	34, 41, 58
Decimal	2239290
CIE Lab	17.34, 0.67, -10.85
CIE LCh	17, 10.867, 273.514
Yxy	2.3733, 0.2541, 0.2637
Android (android.graphics.Color)	4280429370 (0xFF222B3A)
YUV	42.0190, 7.8786, -7.0327
Hunter-Lab	15.4056, -0.4577, -5.9211

Details

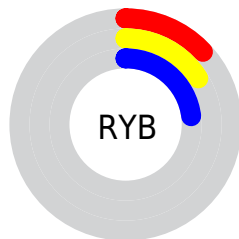
The Hex color **222B3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3122**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4F5869**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **1C273A**, and if you desaturate by 10%, it is **282F3A**.

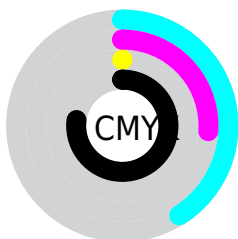
Distribution



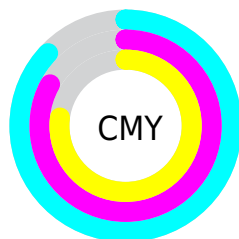
- Red (13%)
- Green (17%)
- Blue (23%)



- Red (13%)
- Yellow (16%)
- Blue (23%)



- Cyan (41%)
- Magenta (26%)
- Yellow (0%)
- Black (77%)



- Cyan (87%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222B3A 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 222B3A by changing the saturation by 10% instead.

■ 222B3A

■ 222B3A

FFFFFF

■ 0D1724

■ 4F5869

■ 00010F

■ 687182

■ 000000

■ 818A9C

■ 9BA4B7

■ B6BFD3

■ D2DBEF

■ EEF8FF

■ 222B3A

■ 222B3A

■ 1C273A

■ 282F3A

■ 16243A

■ 2E323A

■ 11203A

■ 33363A

■ 0B1D3A

■ 393A3A

■ 05193A

■ 3F3D3A

■ 00163A

■ 45413A

■ 4B443A

■ 50483A

■ 564C3A

Harmonies

Analogous

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



182D38



222B3A



2D2838

Triad

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



222B3A



3A2622



1E2E23

Complementary

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



222B3A



3A3122

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.



272D1D



222B3A



36281D

Square

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



222B3A



3A252A



2F2A1B



162F2B

Rectangle

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



222B3A



332734



2F2A1B



212E21

Sweetspot

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



222B3A



43474D



223A31



212326



A6A6A6



262626

Same Dimension

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



222B3A



26354D



25223A



191A1C



00225C



0052DB

Inverse Universe

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



3A222B



4D2635



373A22



1C191A



5C0022



DB0052

Previews

White Background



This preview shows how the Hex color 222B3A looks on a white background.

Color Contrast Check

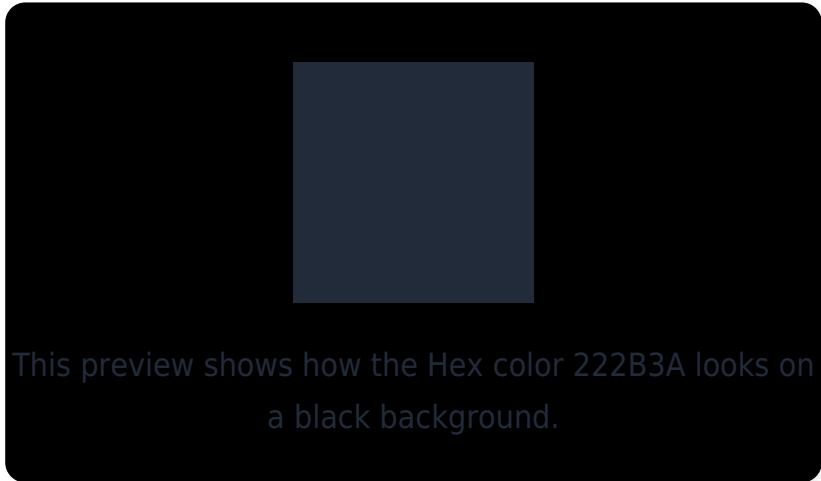
Large Text (above 18pt) WCAG AA ✓ Pass

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

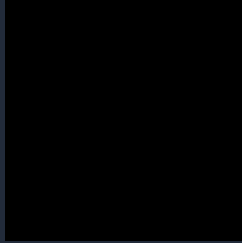
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

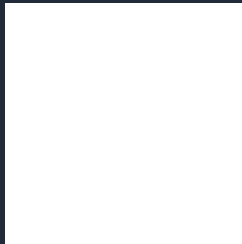
Any Text WCAG AAA × Fail

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

Hex 222B3A Background



This preview shows how black text looks on a background with the Hex color 222B3A.



This preview shows how white text looks on a background with the Hex color 222B3A.

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
222B3A

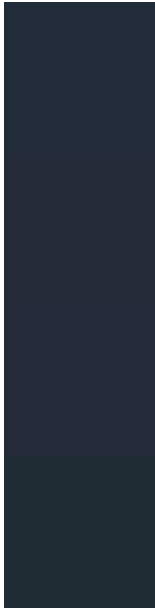
Protanopia
262A39

Deuteranopia
262A3A



Tritanopia
1F2D30

Trichromacy



Original Color
222B3A

Protanomaly
252A39

Deuteranomaly
252A3A

Tritanomaly
202C34

Monochromacy



Original Color
222B3A

Achromatopsia
2A2A2A

Achromatomaly
272A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 222B3A 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 #222B3A looks like.

```
.text, #text, p{  
    color:#222B3A  
}
```

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 #222B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222B3A
}
```

Border

The CSS property to change the border of an element to Hex 222B3A 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
#222B3A }
```

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

```
.border{ border-color:#222B3A }
```

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

Here you see how a box with a 4 pixel #222B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222B3A; -webkit-box-shadow:4px 4px  
4px 4px #222B3A; box-shadow:4px 4px 4px  
4px #222B3A }
```

Background

The CSS property to change the background color of an element to Hex 222B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222B3A }
```

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

```
.background{ background-color:#222B3A }
```

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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