

Converting Colors

Hex(222C33)

Have a look what the booklet for
Hex(222C33) contains.

Hex(222C33)	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(222C33)

Conversions

Conversions Part 1

Format	Color
Hex	222C33
RGB	34, 44, 51
RGB Percent	13%, 17%, 20%
CMY	0.8667, 0.8275, 0.8000
CMYK	0.33, 0.14, 0.00, 0.80
HSL	205°, 20%, 17%
HSV	205°, 33%, 20%
XYZ	2.1579, 2.3805, 3.4777
YIQ	41.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

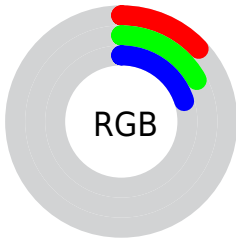
Format	Color
R_{YB}	34, 40, 51
Decimal	2239539
CIE Lab	17.37, -2.25, -5.92
CIE LCh	17, 6.337, 249.178
Yxy	2.3805, 0.2692, 0.2970
Android (android.graphics.Color)	4280429619 (0xFF222C33)
YUV	41.8080, 4.5317, -6.8476
Hunter-Lab	15.4287, -2.0348, -2.5641

Details

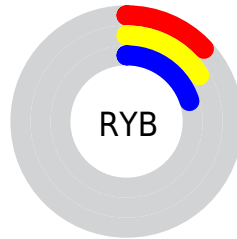
The Hex color **222C33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332922**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4F5961**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **1D2A33**, and if you desaturate by 10%, it is **272E33**.

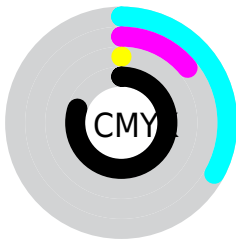
Distribution



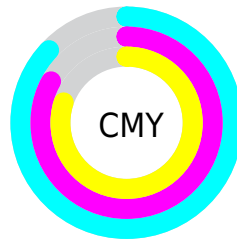
- Red (13%)
- Green (17%)
- Blue (20%)



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



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222C33 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 222C33 by changing the saturation by 10% instead.

■ 222C33

■ 222C33

FFFFFF

■ 0D181E

■ 4F5961

■ 000003

■ 67727A

■ 000000

■ 808B94

■ 9AA6AE

■ B5C1CA

■ D1DDE6

■ EDF9FF

■ 222C33

■ 222C33

■ 1D2A33

■ 272E33

■ 182833

■ 2C3033

■ 132633

■ 313233

■ 0E2433

■ 363433

■ 082233

■ 3B3733

■ 031F33

■ 413933

■ 001E33

■ 463B33

■ 4B3D33

■ 503F33

Harmonies

Analogous

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



1F2D30



222C33



272B34

Triad

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



222C33



342829



282C24

Complementary

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



222C33



332922

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.



2D2B22



222C33



342825

Square

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



222C33



32282E



312922



232D27

Rectangle

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



222C33



2B2A33



312922



292C23

Sweetspot

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



222C33



3C4042



223329



1D2021



A1A1A1



212121

Same Dimension

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



222C33



283742



222433



17181A



003559



0080D9

Inverse Universe

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



33222C



422837



333122



1A1718



590034



D9007F

Previews

White Background



This preview shows how the Hex color 222C33 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

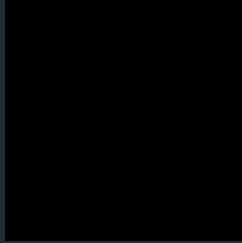
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

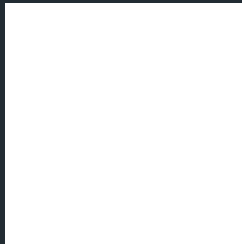
Any Text WCAG AAA × Fail

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

Hex 222C33 Background



This preview shows how black text looks on a background with the Hex color 222C33.



This preview shows how white text looks on a background with the Hex color 222C33.

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
222C33

Protanopia
292A32

Deuteranopia
2A2A33



Tritanopia
212C30

Trichromacy



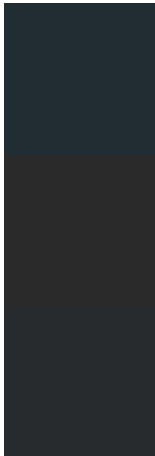
Original Color
222C33

Protanomaly
262B32

Deuteranomaly
272B33

Tritanomaly
212C31

Monochromacy



Original Color
222C33

Achromatopsia
2A2A2A

Achromatomaly
272B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 222C33 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 #222C33 looks like.

```
.text, #text, p{  
    color:#222C33  
}
```

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 #222C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222C33
}
```

Border

The CSS property to change the border of an element to Hex 222C33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

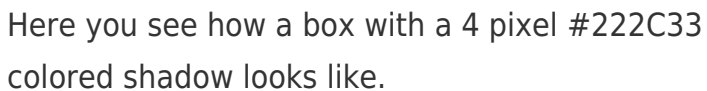
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222C33 }
```

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

```
.border{ border-color:#222C33 }
```

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



Here you see how a box with a 4 pixel #222C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222C33; -webkit-box-shadow:4px 4px  
4px 4px #222C33; box-shadow:4px 4px 4px  
4px #222C33 }
```

Background

The CSS property to change the background color of an element to Hex 222C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222C33 }
```

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

```
.background{ background-color:#222C33 }
```

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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