

Converting Colors

Hex(222E36)

Have a look what the booklet for
Hex(222E36) contains.

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Color

Hex(222E36)

Conversions

Conversions Part 1

Format	Color
Hex	222E36
RGB	34, 46, 54
RGB Percent	13%, 18%, 21%
CMY	0.8667, 0.8196, 0.7882
CMYK	0.37, 0.15, 0.00, 0.79
HSL	204°, 23%, 17%
HSV	204°, 37%, 21%
XYZ	2.3025, 2.5604, 3.8629
YIQ	43.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

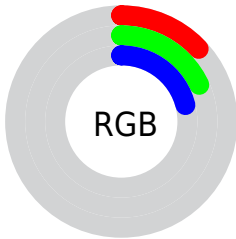
Format	Color
RYB	34, 42, 54
Decimal	2240054
CIELab	18.19, -2.69, -6.77
CIElCh	18, 7.286, 248.297
Yxy	2.5604, 0.2639, 0.2934
Android (android.graphics.Color)	4280430134 (0xFF222E36)
YUV	43.3240, 5.2633, -8.1771
Hunter-Lab	16.0013, -2.3167, -3.1123

Details

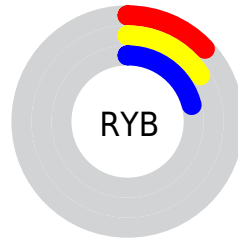
The Hex color **222E36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362A22**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4F5C65**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **1D2C36**, and if you desaturate by 10%, it is **273036**.

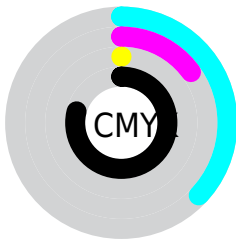
Distribution



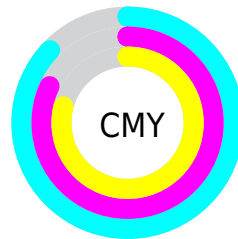
- Red (13%)
- Green (18%)
- Blue (21%)



- Red (13%)
- Yellow (16%)
- Blue (21%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222E36 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 222E36 by changing the saturation by 10% instead.

■ 222E36

■ 222E36

FFFFFF

■ 0D1921

■ 4F5C65

■ 000009

■ 67747E

■ 000000

■ 808E97

■ 9BA8B2

■ B5C3CE

■ D1DFEA

■ EDFCFF

■ 222E36

■ 222E36

■ 1D2C36

■ 273036

■ 172A36

■ 2D3236

■ 122836

■ 323436

■ 0C2536

■ 383736

■ 072336

■ 3D3936

■ 022136

■ 423B36

■ 002036

■ 483D36

■ 4D3F36

■ 534136

Harmonies

Analogous

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



1E2F33



222E36



282C37

Triad

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



222E36



37292B



292E24

Complementary

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



222E36



362A22

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.



2F2D22



222E36



372926

Square

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



222E36



352930



342B23



232F28

Rectangle

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



222E36



2D2B36



342B23



2B2E23

Sweetspot

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



222E36



404447



22362A



1F2224



A3A3A3



242424

Same Dimension

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



222E36



283B47



222436



191B1C



00375C



0084DB

Inverse Universe

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



36222E



47283B



363422



1C191B



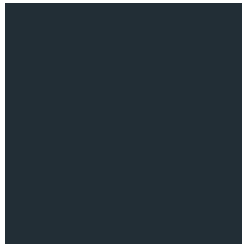
5C0037



DB0084

Previews

White Background



This preview shows how the Hex color 222E36 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

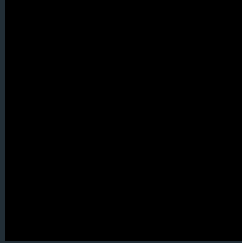
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

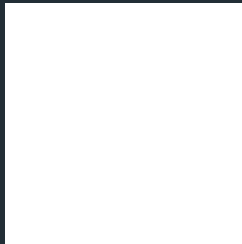
Any Text WCAG AAA × Fail

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

Hex 222E36 Background



This preview shows how black text looks on a background with the Hex color 222E36.



This preview shows how white text looks on a background with the Hex color 222E36.

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
222E36

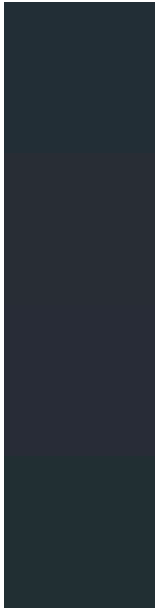
Protanopia
2B2C35

Deuteranopia
2B2B37



Tritanopia
212F32

Trichromacy



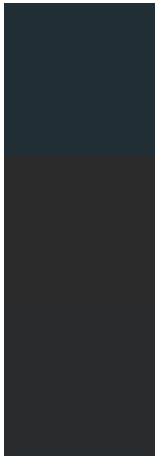
Original Color
222E36

Protanomaly
282D35

Deuteranomaly
282C37

Tritanomaly
212F33

Monochromacy



Original Color
222E36

Achromatopsia
2B2B2B

Achromatomaly
282C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 222E36 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 #222E36 looks like.

```
.text, #text, p{  
    color:#222E36  
}
```

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 #222E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222E36
}
```

Border

The CSS property to change the border of an element to Hex 222E36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

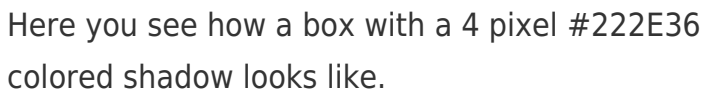
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222E36 }
```

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

```
.border{ border-color:#222E36 }
```

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



Here you see how a box with a 4 pixel #222E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222E36; -webkit-box-shadow:4px 4px  
4px 4px #222E36; box-shadow:4px 4px 4px  
4px #222E36 }
```

Background

The CSS property to change the background color of an element to Hex 222E36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222E36 }
```

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

```
.background{ background-color:#222E36 }
```

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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