

Converting Colors

Hex(222E38)

Have a look what the booklet for
Hex(222E38) contains.

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Color

Hex(222E38)

Conversions

Conversions Part 1

Format	Color
Hex	222E38
RGB	34, 46, 56
RGB Percent	13%, 18%, 22%
CMY	0.8667, 0.8196, 0.7804
CMYK	0.39, 0.18, 0.00, 0.78
HSL	207°, 24%, 18%
HSV	207°, 39%, 22%
XYZ	2.3505, 2.5796, 4.1154
YIQ	43.5520, -10.3620, 0.5660

Conversions

Conversions Part 2

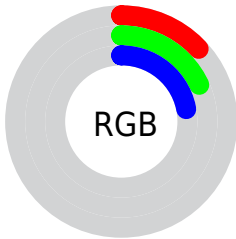
Format	Color
RYB	34, 42, 56
Decimal	2240056
CIELab	18.27, -2.06, -8.02
CIELCh	18, 8.286, 255.576
Yxy	2.5796, 0.2599, 0.2852
Android (android.graphics.Color)	4280430136 (0xFF222E38)
YUV	43.5520, 6.1369, -8.3771
Hunter-Lab	16.0611, -1.9841, -3.9493

Details

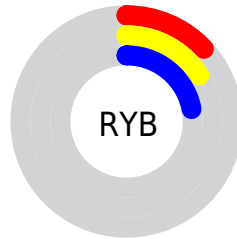
The Hex color **222E38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **382C22**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4F5C67**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2B38**, and if you desaturate by 10%, it is **283138**.

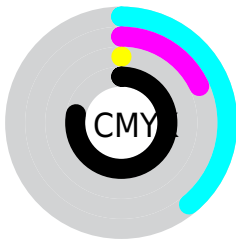
Distribution



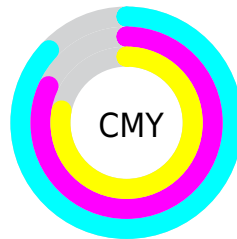
- Red (13%)
- Green (18%)
- Blue (22%)



- Red (13%)
- Yellow (16%)
- Blue (22%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (78%)



- Cyan (87%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222E38 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 222E38 by changing the saturation by 10% instead.

■ 222E38

■ 222E38

FFFFFF

■ 0D1923

■ 4F5C67

■ 00000C

■ 677480

■ 000000

■ 818E9A

■ 9BA8B5

■ B6C3D0

■ D1DFEC

■ EEFCFF

■ 222E38

■ 222E38

■ 1C2B38

■ 283138

■ 172938

■ 2D3338

■ 112638

■ 333638

■ 0C2438

■ 383838

■ 062138

■ 3E3B38

■ 001F38

■ 443D38

■ 494038

■ 4F4238

■ 544538

Harmonies

Analogous

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



1D2F35



222E38



2A2C38

Triad

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



222E38



39282A



272F24

Complementary

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



222E38



382C22

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.



2E2D21



222E38



382924

Square

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



222E38



372930



342B21



213029

Rectangle

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



222E38



2F2B36



342B21



292E23

Sweetspot

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



222E38



41464A



22382C



212426



A6A6A6



262626

Same Dimension

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



222E38



273A4A



222338



191B1C



00325C



0078DB

Inverse Universe

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



38222E



4A273A



383722



1C191B



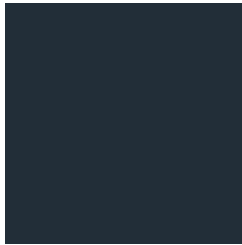
5C0032



DB0078

Previews

White Background



This preview shows how the Hex color 222E38 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

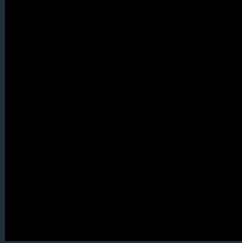
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

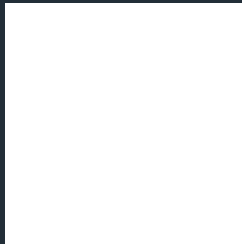
Any Text WCAG AAA × Fail

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

Hex 222E38 Background



This preview shows how black text looks on a background with the Hex color 222E38.

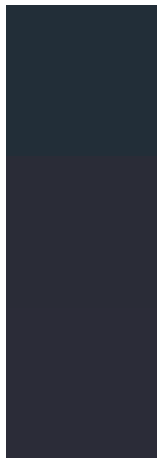


This preview shows how white text looks on a background with the Hex color 222E38.

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
222E38

Protanopia
2A2C37

Deuteranopia
2B2C38



Tritanopia
212F33

Trichromacy



Original Color
222E38

Protanomaly
272D37

Deuteranomaly
282D38

Tritanomaly
212F35

Monochromacy



Original Color
222E38

Achromatopsia
2C2C2C

Achromatomaly
282D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 222E38 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 #222E38 looks like.

```
.text, #text, p{  
    color:#222E38  
}
```

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 #222E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222E38
}
```

Border

The CSS property to change the border of an element to Hex 222E38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

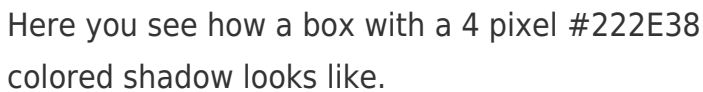
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222E38 }
```

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

```
.border{ border-color:#222E38 }
```

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



Here you see how a box with a 4 pixel #222E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222E38; -webkit-box-shadow:4px 4px  
4px 4px #222E38; box-shadow:4px 4px 4px  
4px #222E38 }
```

Background

The CSS property to change the background color of an element to Hex 222E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222E38 }
```

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

```
.background{ background-color:#222E38 }
```

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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