

Converting Colors

Hex(222E44)

Have a look what the booklet for
Hex(222E44) contains.

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Color

Hex(222E44)

Conversions

Conversions Part 1

Format	Color
Hex	222E44
RGB	34, 46, 68
RGB Percent	13%, 18%, 27%
CMY	0.8667, 0.8196, 0.7333
CMYK	0.50, 0.32, 0.00, 0.73
HSL	219°, 33%, 20%
HSV	219°, 50%, 27%
XYZ	2.6801, 2.7114, 5.8509
YIQ	44.9200, -14.2140, 4.2980

Conversions

Conversions Part 2

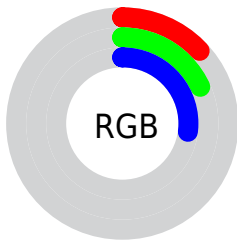
Format	Color
R_{YB}	34, 43, 68
Decimal	2240068
CIE _{Lab}	18.85, 1.97, -15.39
CIE _{LCh}	19, 15.513, 277.310
Yxy	2.7114, 0.2384, 0.2412
Android (android.graphics.Color)	4280430148 (0xFF222E44)
YUV	44.9200, 11.3784, -9.5768
Hunter-Lab	16.4664, 0.2364, -9.5408

Details

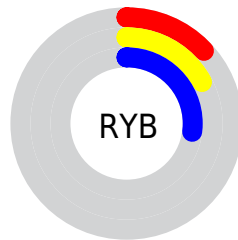
The Hex color **222E44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **443822**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **505C74**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **1B2A44**, and if you desaturate by 10%, it is **293244**.

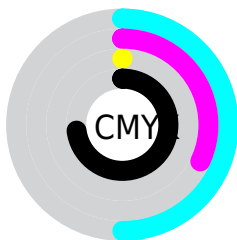
Distribution



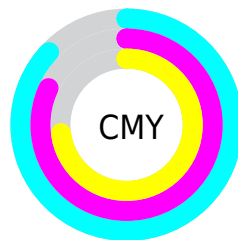
- Red (13%)
- Green (18%)
- Blue (27%)



- Red (13%)
- Yellow (17%)
- Blue (27%)



- Cyan (50%)
- Magenta (32%)
- Yellow (0%)
- Black (73%)



- Cyan (87%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222E44 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 222E44 by changing the saturation by 10% instead.

■ 222E44

■ 222E44

FFFFFF

■ 0B192E

■ 505C74

■ 000119

■ 69748E

■ 000000

■ 838EA8

■ 9DA8C4

■ B8C3E0

■ D4DFFC

■ F0FCFF

■ 222E44

■ 222E44

■ 1B2A44

■ 293244

■ 142544

■ 303744

■ 0E2144

■ 363B44

■ 071C44

■ 3D4044

■ 001844

■ 444444

■ 4B4844

■ 524D44

■ 585144

■ 5F5644

Harmonies

Analogous

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



0E3142



222E44



332A40

Triad

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



222E44



432721



183325

Complementary

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



222E44



443822

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.



26311C



222E44



3C2A19

Square

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



222E44



43252B



332E17



083430

Rectangle

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



222E44



3B273A



332E17



1D3321

Sweetspot

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



222E44



4C5159



224438



26292E



ADADAD



2E2E2E

Same Dimension

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



222E44



243759



272244



1E1F21



002261



004FE0

Inverse Universe

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



44222E



592437



3F4422



211E1F



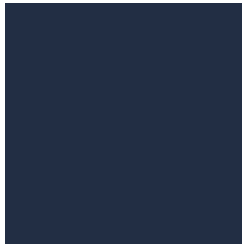
610022



E0004F

Previews

White Background



This preview shows how the Hex color 222E44 looks on a white background.

Color Contrast Check

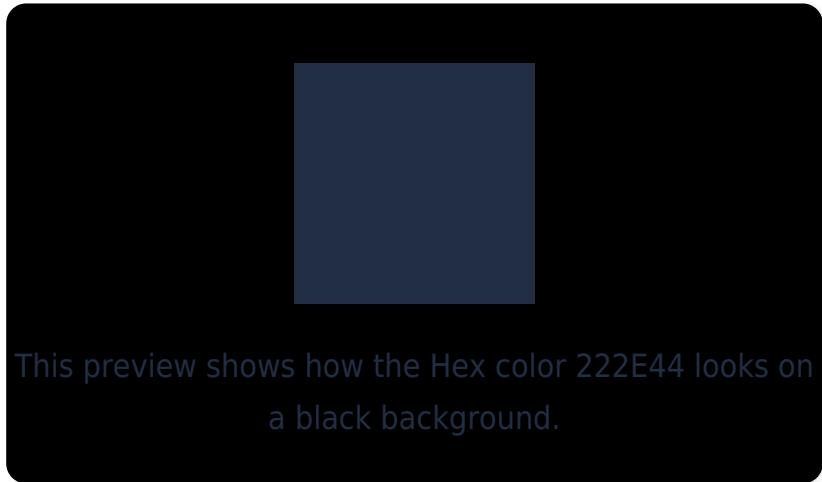
Large Text (above 18pt) WCAG AA ✓ Pass

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

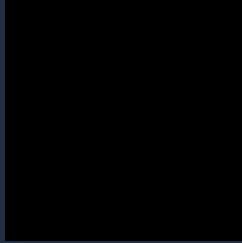
Any Text WCAG AA × Fail

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 222E44 Background



This preview shows how black text looks on a background with the Hex color 222E44.



This preview shows how white text looks on a background with the Hex color 222E44.

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

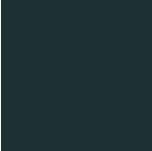
222E44

Protanopia

262D43

Deuteranopia

242E44



Tritanopia
1D3135

Trichromacy



Original Color
222E44

Protanomaly
252D43

Deuteranomaly
232E44

Tritanomaly
1F303A

Monochromacy



Original Color
222E44

Achromatopsia
2D2D2D

Achromatomaly
292D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 222E44 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 #222E44 looks like.

```
.text, #text, p{  
    color:#222E44  
}
```

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 #222E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222E44  
}
```

Border

The CSS property to change the border of an element to Hex 222E44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

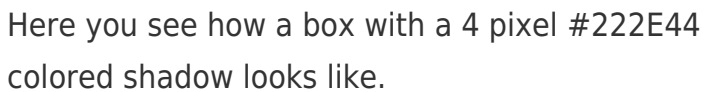
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#222E44 }
```

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

```
.border{ border-color:#222E44 }
```

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



Here you see how a box with a 4 pixel #222E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222E44; -webkit-box-shadow:4px 4px  
4px 4px #222E44; box-shadow:4px 4px 4px  
4px #222E44 }
```

Background

The CSS property to change the background color of an element to Hex 222E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222E44 }
```

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

```
.background{ background-color:#222E44 }
```

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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