

Converting Colors

Hex(22222B)

Have a look what the booklet for
Hex(22222B) contains.

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Color

Hex(22222B)

Conversions

Conversions Part 1

Format	Color
Hex	22222B
RGB	34, 34, 43
RGB Percent	13%, 13%, 17%
CMY	0.8667, 0.8667, 0.8314
CMYK	0.21, 0.21, 0.00, 0.83
HSL	240°, 12%, 15%
HSV	240°, 21%, 17%
XYZ	1.6678, 1.6586, 2.5177
YIQ	35.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

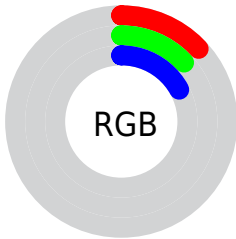
Format	Color
R_YB	34, 34, 43
Decimal	2236971
CIE Lab	13.58, 2.42, -5.97
CIE LCh	14, 6.445, 292.026
Yxy	1.6586, 0.2854, 0.2838
Android (android.graphics.Color)	4280427051 (0xFF22222B)
YUV	35.0260, 3.9312, -0.8998
Hunter-Lab	12.8785, 0.5783, -2.5762

Details

The Hex color **22222B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2B22**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4E4E58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E1E2B**, and if you desaturate by 10%, it is **26262B**.

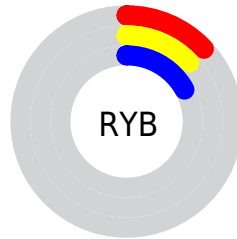
Distribution



 Red (13%)

 Green (13%)

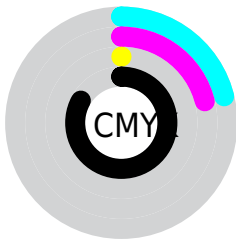
 Blue (17%)



 Red (13%)

 Yellow (13%)

 Blue (17%)

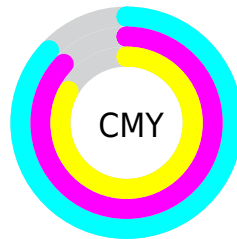


 Cyan (21%)


 Magenta (21%)

 Yellow (0%)

 Black (83%)



 Cyan (87%)

 Magenta (87%)

 Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22222B 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 22222B by changing the saturation by 10% instead.

■ 22222B

■ 22222B

FFFFFF

■ 0C0C17

■ 4E4E58

■ 000000

■ 666671

■ 7F7F8A

■ 9999A5

■ B4B4C0

■ D0CFDB

■ ECECF8

■ 22222B

■ 22222B

■ 1E1E2B

■ 26262B

■ 19192B

■ 2B2B2B

■ 15152B

■ 2F2F2B

■ 11112B

■ 33332B

■ 0D0D2B

■ 38382B

■ 08082B

■ 3C3C2B

■ 04042B

■ 40402B

■ 00002B

■ 44442B

■ 49492B

Harmonies

Analogous

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



1C242B



22222B



272128

Triad

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



22222B



2B211C



192521

Complementary

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



22222B



2B2B22

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.



1E251D



22222B



27221A

Square

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



22222B



2C2020



23231A



172526

Rectangle

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



22222B



2A2026



23231A



1A2520

Sweetspot

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



22222B



353538



222B2B



1A1A1C



9C9C9C



1C1C1C

Same Dimension

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



22222B



2A2A38



27222B



121214



000054



0000D4

Inverse Universe

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



2B222B



382A38



272B22



141214



540054



D400D4

Previews

White Background



This preview shows how the Hex color 22222B looks on a white background.

Color Contrast Check

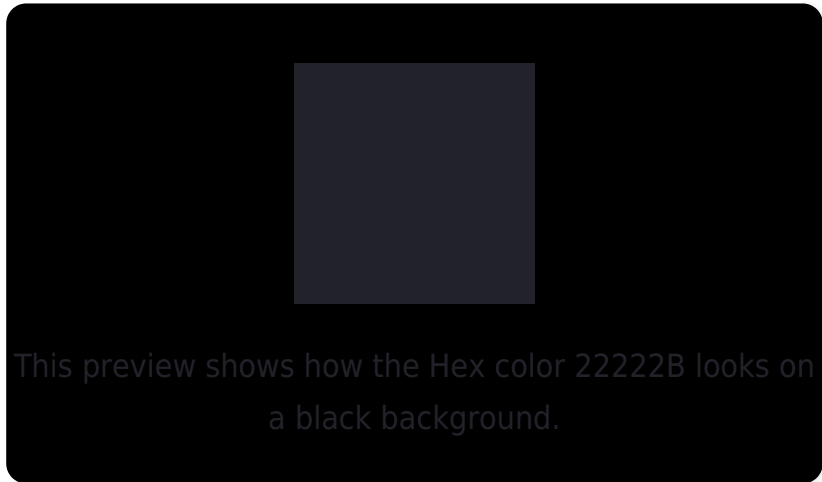
Large Text (above 18pt) WCAG AA ✓ Pass

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

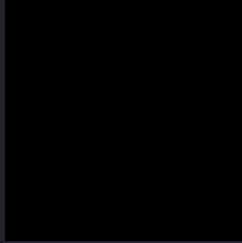
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

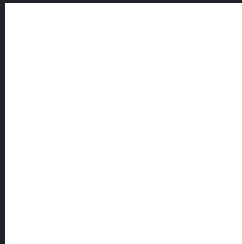
Any Text WCAG AAA × Fail

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

Hex 22222B Background



This preview shows how black text looks on a background with the Hex color 22222B.



This preview shows how white text looks on a background with the Hex color 22222B.

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](#).

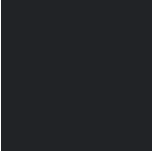
Dichromacy



Original Color
22222B

Protanopia
21222B

Deuteranopia
22222B



Tritanopia
212326

Trichromacy



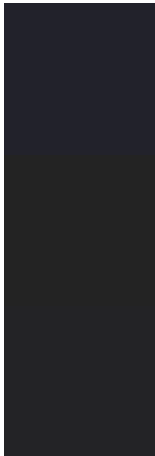
Original Color
22222B

Protanomaly
21222B

Deuteranomaly
22222B

Tritanomaly
212328

Monochromacy



Original Color
22222B

Achromatopsia
232323

Achromatomaly
232326

CSS Examples

Text

The CSS property to change the color of the text to Hex 22222B 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 #22222B looks like.

```
.text, #text, p{  
    color:#22222B  
}
```

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 #22222B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22222B
}
```

Border

The CSS property to change the border of an element to Hex 22222B is called "border". The border property can be set on classes, ids or directly on the HTML element.

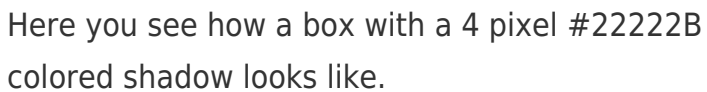
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22222B }
```

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

```
.border{ border-color:#22222B }
```

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



Here you see how a box with a 4 pixel #22222B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22222B; -webkit-box-shadow:4px 4px  
4px 4px #22222B; box-shadow:4px 4px 4px  
4px #22222B }
```

Background

The CSS property to change the background color of an element to Hex 22222B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22222B }
```

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

```
.background{ background-color:#22222B }
```

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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