

Converting Colors

Hex(22282B)

Have a look what the booklet for
Hex(22282B) contains.

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Color

Hex(22282B)

Conversions

Conversions Part 1

Format	Color
Hex	22282B
RGB	34, 40, 43
RGB Percent	13%, 16%, 17%
CMY	0.8667, 0.8431, 0.8314
CMYK	0.21, 0.07, 0.00, 0.83
HSL	200°, 12%, 15%
HSV	200°, 21%, 17%
XYZ	1.8545, 2.0321, 2.5800
YIQ	38.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

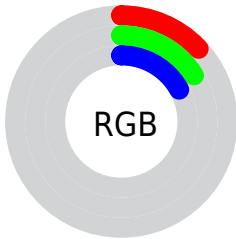
Format	Color
RYB	34, 38, 43
Decimal	2238507
CIELab	15.65, -1.84, -2.87
CIELCh	16, 3.405, 237.374
Yxy	2.0321, 0.2868, 0.3142
Android (android.graphics.Color)	4280428587 (0xFF22282B)
YUV	38.5480, 2.1948, -3.9886
Hunter-Lab	14.2551, -1.7244, -0.7521

Details

The Hex color **22282B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2522**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4E5558**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E272B**, and if you desaturate by 10%, it is **26292B**.

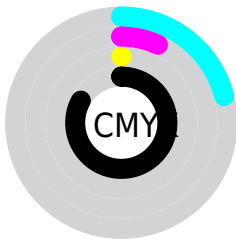
Distribution



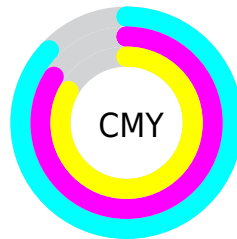
- Red (13%)
- Green (16%)
- Blue (17%)



- Red (13%)
- Yellow (15%)
- Blue (17%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (83%)



- Cyan (87%)
- Magenta (84%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22282B 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 22282B by changing the saturation by 10% instead.

■ 22282B

■ 22282B

FFFFFF

■ 0C1417

■ 4E5558

■ 000000

■ 666D71

■ 7F868A

■ 99A1A4

■ B4BCC0

■ D0D7DB

■ ECF4F8

■ 22282B

■ 22282B

■ 1E272B

■ 26292B

■ 19252B

■ 2B2B2B

■ 15242B

■ 2F2C2B

■ 11222B

■ 332E2B

■ 0D212B

■ 382F2B

■ 081F2B

■ 3C312B

■ 041E2B

■ 40322B

■ 001D2B

■ 44332B

■ 49352B

Harmonies

Analogous

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



212829



22282B



24272C

Triad

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



22282B



2C2527



272823

Complementary

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



22282B



2B2522

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.



292722



22282B



2C2625

Square

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



22282B



2A262A



2B2623



242824

Rectangle

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



22282B



26272C



2B2623



282722

Sweetspot

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



22282B



353738



222B25



1A1B1C



9C9C9C



1C1C1C

Same Dimension

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



22282B



2A3338



22242B



121414



003854



008DD4

Inverse Universe

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



2B2228



382A33



2B2A22



141214



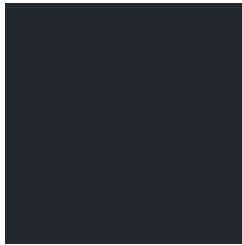
540038



D4008D

Previews

White Background



This preview shows how the Hex color 22282B looks on a white background.

Color Contrast Check

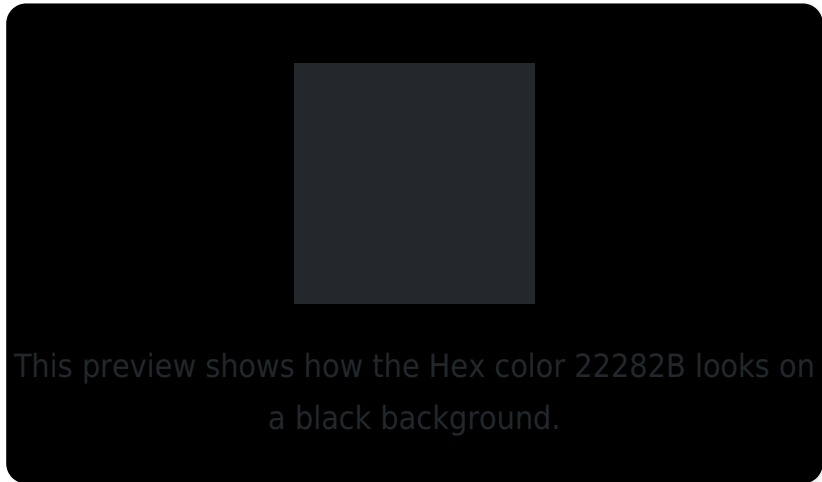
Large Text (above 18pt) WCAG AA ✓ Pass

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

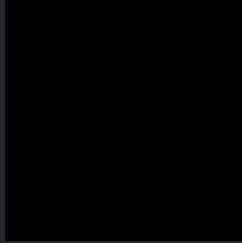
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

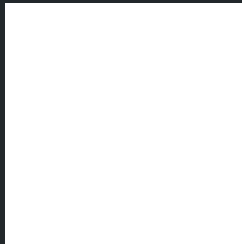
Any Text WCAG AAA × Fail

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

Hex 22282B Background



This preview shows how black text looks on a background with the Hex color 22282B.

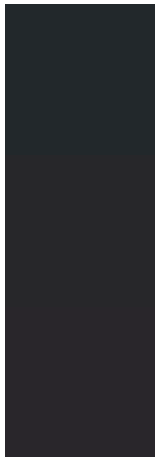


This preview shows how white text looks on a background with the Hex color 22282B.

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
22282B

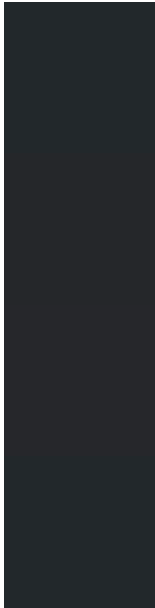
Protanopia
27272A

Deuteranopia
29262B



Tritanopia
22282B

Trichromacy



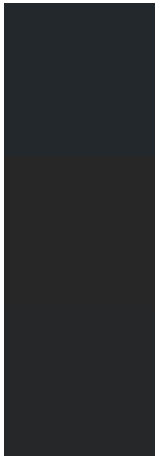
Original Color
22282B

Protanomaly
25272A

Deuteranomaly
26272B

Tritanomaly
22282B

Monochromacy



Original Color
22282B

Achromatopsia
272727

Achromatomaly
252728

CSS Examples

Text

The CSS property to change the color of the text to Hex 22282B 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 #22282B looks like.

```
.text, #text, p{  
    color:#22282B  
}
```

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 #22282B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22282B
}
```

Border

The CSS property to change the border of an element to Hex 22282B is called "border". The border property can be set on classes, ids or directly on the HTML element.

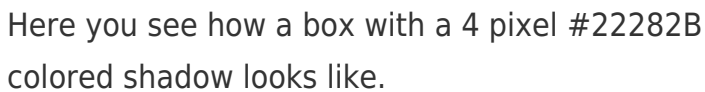
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22282B }
```

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

```
.border{ border-color:#22282B }
```

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



Here you see how a box with a 4 pixel #22282B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22282B; -webkit-box-shadow:4px 4px  
4px 4px #22282B; box-shadow:4px 4px 4px  
4px #22282B }
```

Background

The CSS property to change the background color of an element to Hex 22282B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22282B }
```

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

```
.background{ background-color:#22282B }
```

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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