

Converting Colors

Hex(24282A)

Have a look what the booklet for
Hex(24282A) contains.

Hex(24282A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(24282A)

Conversions

Conversions Part 1

Format	Color
Hex	24282A
RGB	36, 40, 42
RGB Percent	14%, 16%, 16%
CMY	0.8588, 0.8431, 0.8353
CMYK	0.14, 0.05, 0.00, 0.84
HSL	200°, 8%, 15%
HSV	200°, 14%, 16%
XYZ	1.9043, 2.0598, 2.4877
YIQ	39.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

Format	Color
R_{YB}	36, 38, 42
Decimal	2369578
CIE Lab	15.80, -1.26, -1.93
CIE LCh	16, 2.303, 236.806
Yxy	2.0598, 0.2952, 0.3193
Android (android.graphics.Color)	4280559658 (0xFF24282A)
YUV	39.0320, 1.4632, -2.6591
Hunter-Lab	14.3521, -1.4323, -0.2305

Details

The Hex color **24282A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2624**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **505557**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20272A**, and if you desaturate by 10%, it is **28292A**.

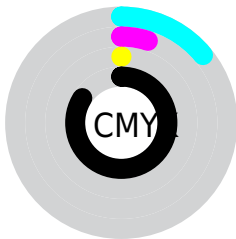
Distribution



- Red (14%)
- Green (16%)
- Blue (16%)



- Red (14%)
- Yellow (15%)
- Blue (16%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (84%)



- Cyan (86%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24282A 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 24282A by changing the saturation by 10% instead.

■ 24282A

■ 24282A

FFFFFF

■ 0F1416

■ 505557

■ 000000

■ 696D70

■ 828689

■ 9CA1A3

■ B7BCBE

■ D2D7DA

■ EEF4F7

■ 24282A

■ 24282A

■ 20272A

■ 28292A

■ 1C252A

■ 2C2B2A

■ 17242A

■ 312C2A

■ 13222A

■ 352E2A

■ 0F212A

■ 392F2A

■ 0B202A

■ 3D302A

■ 071E2A

■ 41322A

■ 021D2A

■ 46332A

■ 001C2A

■ 4A352A

Harmonies

Analogous

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



232829



24282A



26282B

Triad

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



24282A



2B2628



272824

Complementary

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



24282A



2A2624

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.



292724



24282A



2B2626

Square

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



24282A



292729



2A2725



252826

Rectangle

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



24282A



27272A



2A2725



282824

Sweetspot

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



24282A



333536



242A26



1B1C1C



9C9C9C



1C1C1C

Same Dimension

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



24282A



2C3336



24252A



121414



003854



008DD4

Inverse Universe

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



2A2428



362C33



2A2924



141214



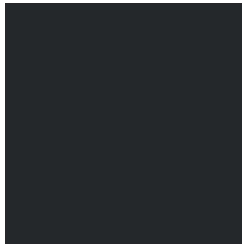
540038



D4008D

Previews

White Background



This preview shows how the Hex color 24282A looks on a white background.

Color Contrast Check

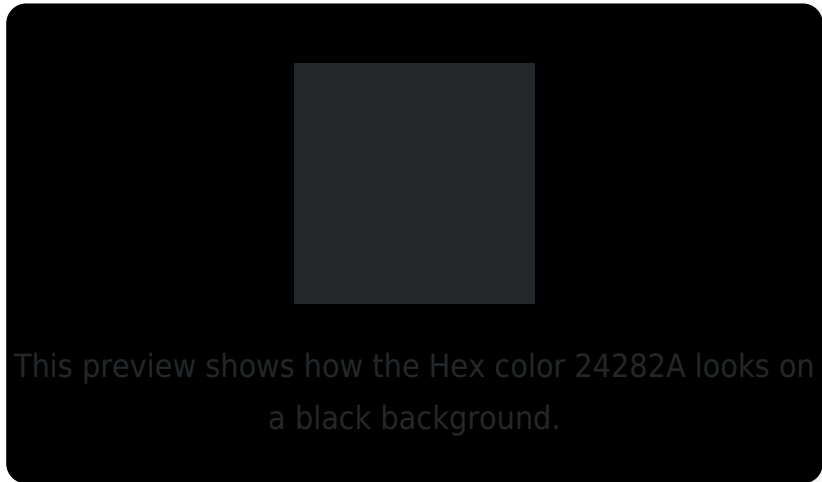
Large Text (above 18pt) WCAG AA ✓ Pass

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

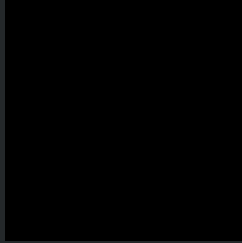
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

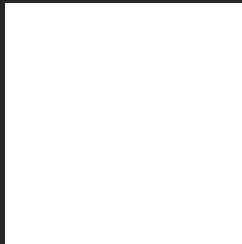
Any Text WCAG AAA × Fail

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

Hex 24282A Background



This preview shows how black text looks on a background with the Hex color 24282A.

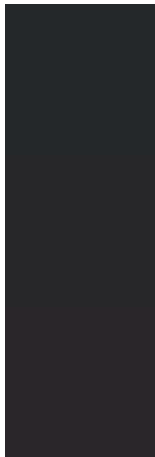


This preview shows how white text looks on a background with the Hex color 24282A.

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
24282A

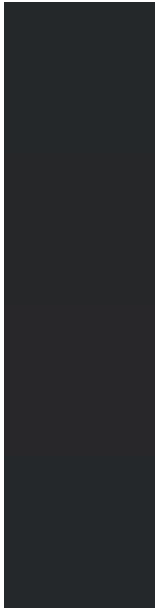
Protanopia
272729

Deuteranopia
2A262A



Tritanopia
24282B

Trichromacy



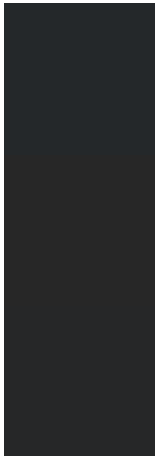
Original Color
24282A

Protanomaly
262729

Deuteranomaly
28272A

Tritanomaly
24282B

Monochromacy



Original Color
24282A

Achromatopsia
272727

Achromatomaly
262728

CSS Examples

Text

The CSS property to change the color of the text to Hex 24282A 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 #24282A looks like.

```
.text, #text, p{  
    color:#24282A  
}
```

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 #24282A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24282A
}
```

Border

The CSS property to change the border of an element to Hex 24282A is called "border". The border property can be set on classes, ids or directly on the HTML element.

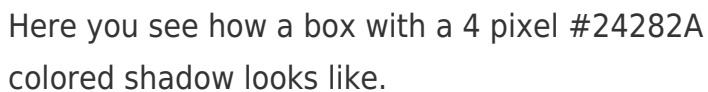
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24282A }
```

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

```
.border{ border-color:#24282A }
```

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



Here you see how a box with a 4 pixel #24282A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24282A; -webkit-box-shadow:4px 4px  
4px 4px #24282A; box-shadow:4px 4px 4px  
4px #24282A }
```

Background

The CSS property to change the background color of an element to Hex 24282A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24282A }
```

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

```
.background{ background-color:#24282A }
```

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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