

Converting Colors

Hex(27212A)

Have a look what the booklet for
Hex(27212A) contains.

Hex(27212A)	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(27212A)

Conversions

Conversions Part 1

Format	Color
Hex	27212A
RGB	39, 33, 42
RGB Percent	15%, 13%, 16%
CMY	0.8471, 0.8706, 0.8353
CMYK	0.07, 0.21, 0.00, 0.84
HSL	280°, 12%, 15%
HSV	280°, 21%, 16%
XYZ	1.7985, 1.6862, 2.4212
YIQ	35.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

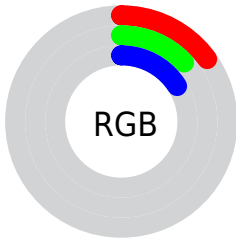
Format	Color
RYB	39, 33, 42
Decimal	2564394
CIELab	13.75, 5.02, -4.95
CIELCh	14, 7.054, 315.384
Yxy	1.6862, 0.3045, 0.2855
Android (android.graphics.Color)	4280754474 (0xFF27212A)
YUV	35.8200, 3.0467, 2.7889
Hunter-Lab	12.9854, 1.9976, -1.9650




Details

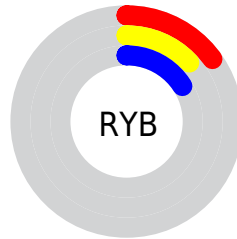
The Hex color **27212A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **242A21**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **544D57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **261D2A**, and if you desaturate by 10%, it is **28252A**.

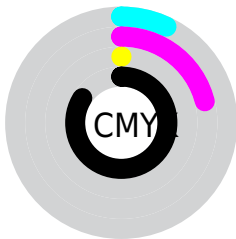
Distribution







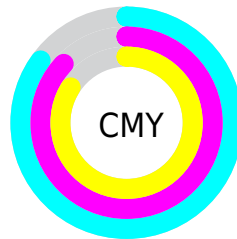
-  Red (15%)
-  Green (13%)
-  Blue (16%)






-  Red (15%)
-  Yellow (13%)
-  Blue (16%)



-  Cyan (7%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (84%)



-  Cyan (85%)
-  Magenta (87%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27212A 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 27212A by changing the saturation by 10% instead.

■ 27212A

■ 27212A

FFFFFF

■ 130A16

■ 544D57

■ 000000

■ 6C6570

■ 857E89

■ A098A3

■ BBB3BE

■ D6CEDA

■ F3EAF7

■ 27212A

■ 27212A

■ 261D2A

■ 28252A

■ 24192A

■ 2A292A

■ 23142A

■ 2B2E2A

■ 21102A

■ 2D322A

■ 200C2A

■ 2E362A

■ 1F082A

■ 2F3A2A

■ 1D042A

■ 313E2A

■ 1C002A

■ 32432A

■ 34472A

Harmonies

Analogous

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



21232C



27212A



2B2026

Triad

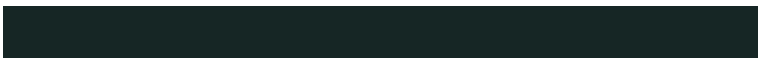
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27212A



29221A



162625

Complementary

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



27212A



242A21

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.



192620



27212A



24241A

Square

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



27212A



2C201C



1F251C



16252A

Rectangle

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



27212A



2D2022



1F251C



172624

Sweetspot

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



27212A



343236



21242A



1B1A1C



9C9C9C



1C1C1C

Same Dimension

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



27212A



312836



2A2128



141214



380054



8D00D4

Inverse Universe

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



2A2124



36282C



212A23



141213



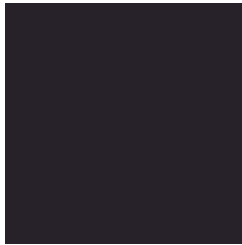
54001C



D40047

Previews

White Background



This preview shows how the Hex color 27212A looks on a white background.

Color Contrast Check

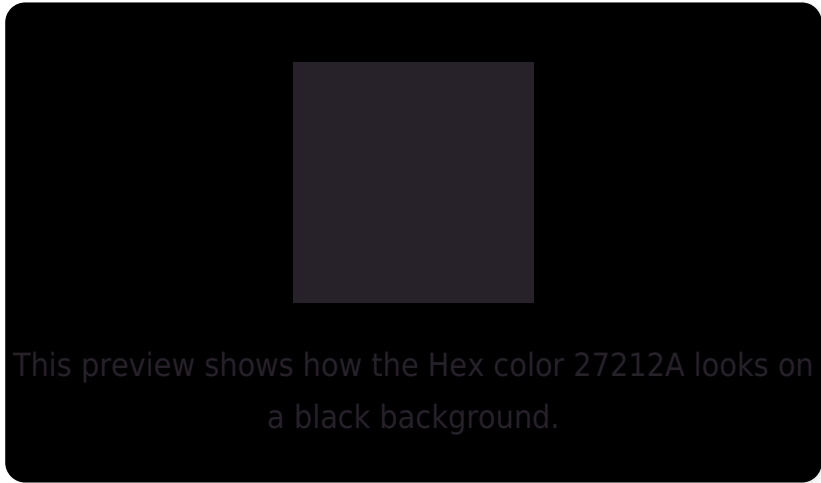
Large Text (above 18pt) WCAG AA ✓ Pass

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

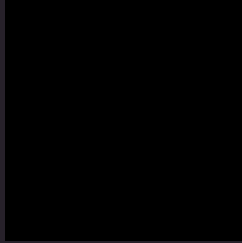
Any Text WCAG AA × Fail

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 27212A Background



This preview shows how black text looks on a background with the Hex color 27212A.

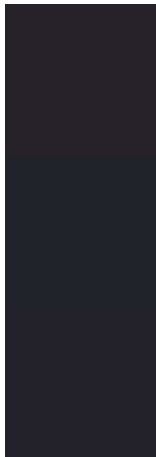


This preview shows how white text looks on a background with the Hex color 27212A.

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
27212A

Protanopia
21232B

Deuteranopia
23222A



Tritanopia
262225

Trichromacy



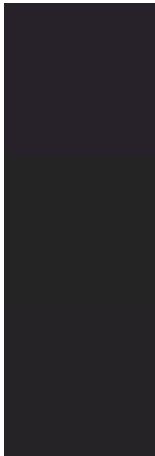
Original Color
27212A

Protanomaly
23222B

Deuteranomaly
24222A

Tritanomaly
262227

Monochromacy



Original Color
27212A

Achromatopsia
242424

Achromatomaly
252326

CSS Examples

Text

The CSS property to change the color of the text to Hex 27212A 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 #27212A looks like.

```
.text, #text, p{  
    color:#27212A  
}
```

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 #27212A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27212A
}
```

Border

The CSS property to change the border of an element to Hex 27212A 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
#27212A }
```

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

```
.border{ border-color:#27212A }
```

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

Here you see how a box with a 4 pixel #27212A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27212A; -webkit-box-shadow:4px 4px  
4px 4px #27212A; box-shadow:4px 4px 4px  
4px #27212A }
```

Background

The CSS property to change the background color of an element to Hex 27212A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27212A }
```

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

```
.background{ background-color:#27212A }
```

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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