

Converting Colors

Hex(27242A)

Have a look what the booklet for
Hex(27242A) contains.

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Color

Hex(27242A)

Conversions

Conversions Part 1

Format	Color
Hex	27242A
RGB	39, 36, 42
RGB Percent	15%, 14%, 16%
CMY	0.8471, 0.8588, 0.8353
CMYK	0.07, 0.14, 0.00, 0.84
HSL	270°, 8%, 15%
HSV	270°, 14%, 16%
XYZ	1.8855, 1.8603, 2.4502
YIQ	37.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

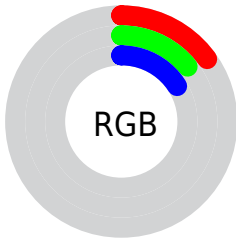
Format	Color
R_{YB}	39, 36, 42
Decimal	2565162
CIE Lab	14.74, 2.87, -3.47
CIE LCh	15, 4.503, 309.575
Yxy	1.8603, 0.3043, 0.3002
Android (android.graphics.Color)	4280755242 (0xFF27242A)
YUV	37.5810, 2.1786, 1.2445
Hunter-Lab	13.6391, 0.8077, -1.1037

Details

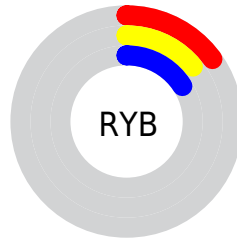
The Hex color **27242A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **272A24**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **545057**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25202A**, and if you desaturate by 10%, it is **29282A**.

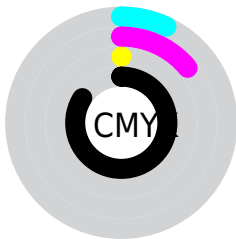
Distribution



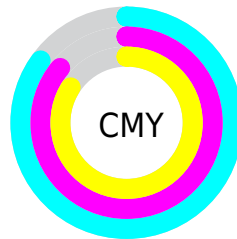
- Red (15%)
- Green (14%)
- Blue (16%)



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



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27242A 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 27242A by changing the saturation by 10% instead.



27242A



27242A

FFFFFF



130F16



545057



000000



6C6870



858289



9F9CA3



BAB6BE



D6D2DA



F3EEF7



27242A



27242A

■ 25202A

■ 29282A

■ 231C2A

■ 2B2C2A

■ 21172A

■ 2D312A

■ 1F132A

■ 2F352A

■ 1D0F2A

■ 31392A

■ 1A0B2A

■ 343D2A

■ 18072A

■ 36412A

■ 16022A

■ 38462A

■ 15002A

■ 3A4A2A

Harmonies

Analogous

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



23252B



27242A



2A2327

Triad

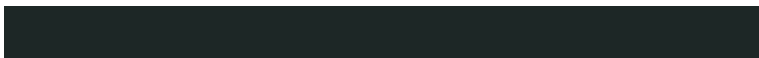
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27242A



2A241F



1D2726

Complementary

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



27242A



272A24

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.



202723



27242A



27251F

Square

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



27242A



2C2321



232620



1D2729

Rectangle

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



27242A



2B2325



232620



1E2725

Sweetspot

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



27242A



343336



24272A



1B1B1C



9C9C9C



1C1C1C

Same Dimension

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



27242A



312C36



2A242A



131214



2A0054



6A00D4

Inverse Universe

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



2A2427



362C31



242A24



141213



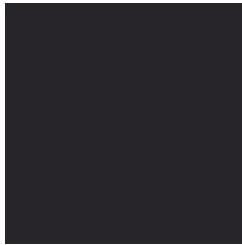
54002A



D4006A

Previews

White Background



This preview shows how the Hex color 27242A looks on a white background.

Color Contrast Check

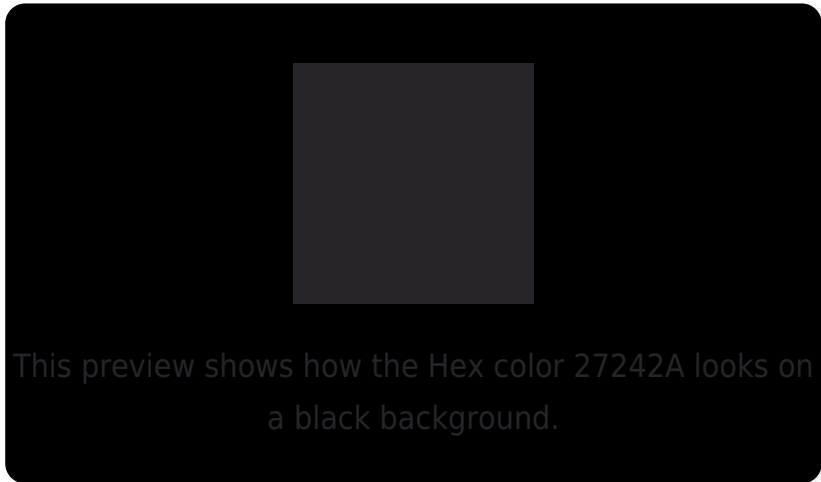
Large Text (above 18pt) WCAG AA ✓ Pass

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

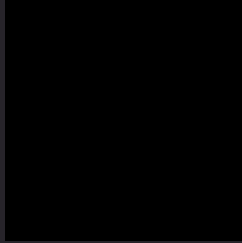
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

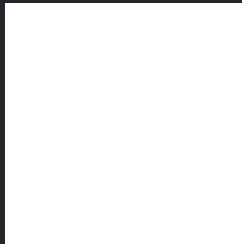
Any Text WCAG AAA × Fail

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

Hex 27242A Background



This preview shows how black text looks on a background with the Hex color 27242A.

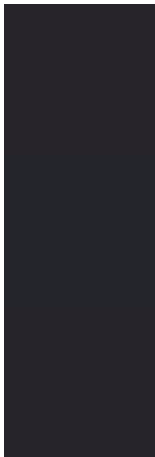


This preview shows how white text looks on a background with the Hex color 27242A.

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
27242A

Protanopia
24252B

Deuteranopia
26242A



Tritanopia
272427

Trichromacy



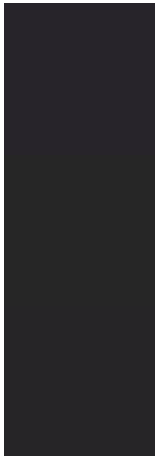
Original Color
27242A

Protanomaly
25252B

Deuteranomaly
26242A

Tritanomaly
272428

Monochromacy



Original Color
27242A

Achromatopsia
262626

Achromatomaly
262527

CSS Examples

Text

The CSS property to change the color of the text to Hex 27242A 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 #27242A looks like.

```
.text, #text, p{  
  color:#27242A  
}
```

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 #27242A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27242A
}
```

Border

The CSS property to change the border of an element to Hex 27242A is called "border". The border property can be set on classes, ids or directly on the HTML element.

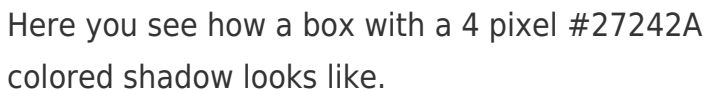
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27242A }
```

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

```
.border{ border-color:#27242A }
```

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



Here you see how a box with a 4 pixel #27242A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27242A; -webkit-box-shadow:4px 4px  
4px 4px #27242A; box-shadow:4px 4px 4px  
4px #27242A }
```

Background

The CSS property to change the background color of an element to Hex 27242A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27242A }
```

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

```
.background{ background-color:#27242A }
```

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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