

Converting Colors

Hex(27232C)

Have a look what the booklet for
Hex(27232C) contains.

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Color

Hex(27232C)

Conversions

Conversions Part 1

Format	Color
Hex	27232C
RGB	39, 35, 44
RGB Percent	15%, 14%, 17%
CMY	0.8471, 0.8627, 0.8275
CMYK	0.11, 0.20, 0.00, 0.83
HSL	267°, 11%, 15%
HSV	267°, 20%, 17%
XYZ	1.8924, 1.8152, 2.6335
YIQ	37.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

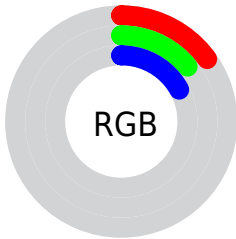
Format	Color
RYB	39, 35, 44
Decimal	2564908
CIELab	14.49, 4.11, -5.28
CIElCh	14, 6.689, 307.916
Yxy	1.8152, 0.2984, 0.2863
Android (android.graphics.Color)	4280754988 (0xFF27232C)
YUV	37.2220, 3.3416, 1.5593
Hunter-Lab	13.4731, 1.4931, -2.1579

Details

The Hex color **27232C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282C23**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **544F59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251F2C**, and if you desaturate by 10%, it is **29272C**.

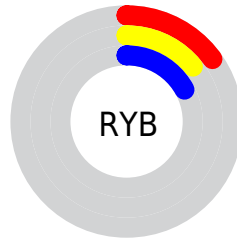
Distribution



Red (15%)

Green (14%)

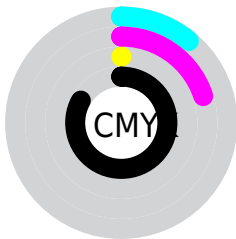
Blue (17%)



Red (15%)

Yellow (14%)

Blue (17%)

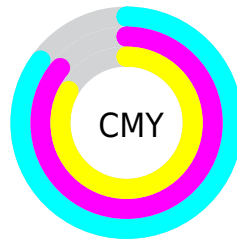


Cyan (11%)

Magenta (20%)

Yellow (0%)

Black (83%)



Cyan (85%)

Magenta (86%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27232C 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 27232C by changing the saturation by 10% instead.

■ 27232C

■ 27232C

FFFFFF

■ 130D18

■ 544F59

■ 000000

■ 6C6772

■ 85808B

■ A09AA6

■ BBB5C1

■ D6D1DD

■ F3EDF9

■ 27232C

■ 27232C

■ 251F2C

■ 29272C

■ 221A2C

■ 2C2C2C

■ 20162C

■ 2E302C

■ 1D112C

■ 31352C

■ 1B0D2C

■ 33392C

■ 18092C

■ 363D2C

■ 16042C

■ 38422C

■ 14002C

■ 3B462C

■ 3D4B2C

Harmonies

Analogous

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



21252E



27232C



2C2228

Triad

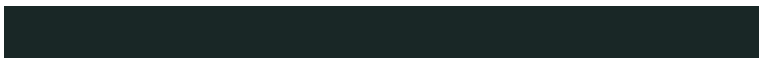
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27232C



2B231C



192726

Complementary

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



27232C



282C23

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.



1D2721



27232C



27251B

Square

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



27232C



2E221F



22261D



18272A

Rectangle

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



27232C



2E2125



22261D



1A2724

Sweetspot

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



27232C



363538



23282C



1B1A1C



9C9C9C



1C1C1C

Same Dimension

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



27232C



302A38



2B232C



161517



270057



5F00D6

Inverse Universe

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



2C2328



382A32



242C23



171516



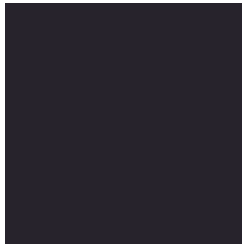
570030



D60077

Previews

White Background



This preview shows how the Hex color 27232C looks on a white background.

Color Contrast Check

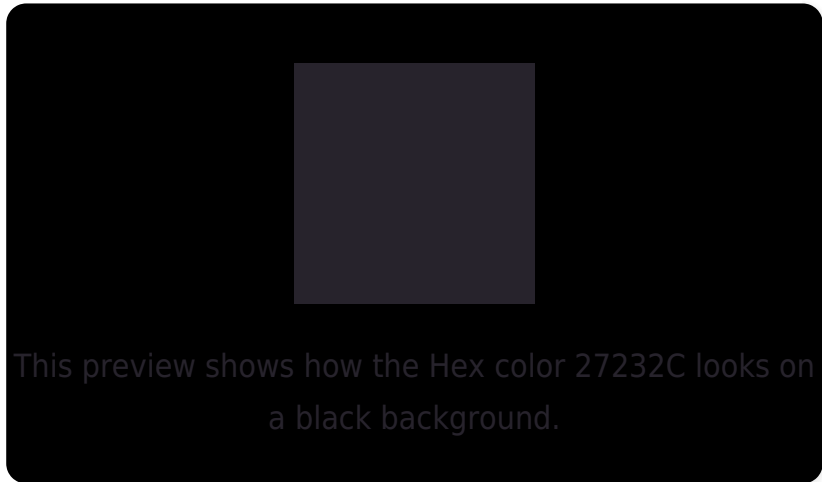
Large Text (above 18pt) WCAG AA ✓ Pass

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

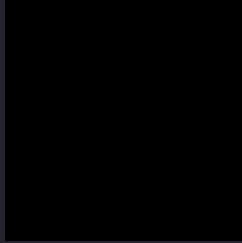
Any Text WCAG AA × Fail

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 27232C Background



This preview shows how black text looks on a background with the Hex color 27232C.



This preview shows how white text looks on a background with the Hex color 27232C.

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
27232C

Protanopia
23242D

Deuteranopia
25242C



Tritanopia
262427

Trichromacy



Original Color

27232C

Protanomaly

24242D

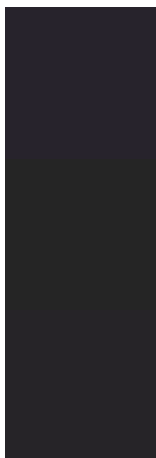
Deuteranomaly

26242C

Tritanomaly

262429

Monochromacy



Original Color

27232C

Achromatopsia

252525

Achromatomaly

262428

CSS Examples

Text

The CSS property to change the color of the text to Hex 27232C 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 #27232C looks like.

```
.text, #text, p{  
    color:#27232C  
}
```

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 #27232C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27232C  
}
```

Border

The CSS property to change the border of an element to Hex 27232C is called "border". The border property can be set on classes, ids or directly on the HTML element.

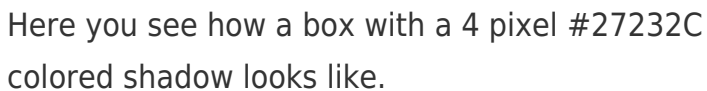
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#27232C }
```

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

```
.border{ border-color:#27232C }
```

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



Here you see how a box with a 4 pixel #27232C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27232C; -webkit-box-shadow:4px 4px  
4px 4px #27232C; box-shadow:4px 4px 4px  
4px #27232C }
```

Background

The CSS property to change the background color of an element to Hex 27232C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27232C }
```

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

```
.background{ background-color:#27232C }
```

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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