

Converting Colors

Hex(242328)

Have a look what the booklet for
Hex(242328) contains.

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Color

Hex(242328)

Conversions

Conversions Part 1

Format	Color
Hex	242328
RGB	36, 35, 40
RGB Percent	14%, 14%, 16%
CMY	0.8588, 0.8627, 0.8431
CMYK	0.10, 0.13, 0.00, 0.84
HSL	252°, 7%, 15%
HSV	252°, 12%, 16%
XYZ	1.7116, 1.7303, 2.2513
YIQ	35.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

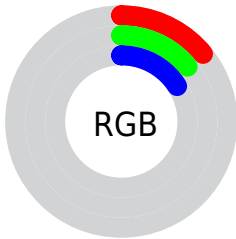
Format	Color
RYB	36, 35, 40
Decimal	2368296
CIELab	14.00, 1.73, -3.16
CIElCh	14, 3.607, 298.698
Yxy	1.7303, 0.3006, 0.3039
Android (android.graphics.Color)	4280558376 (0xFF242328)
YUV	35.8690, 2.0366, 0.1149
Hunter-Lab	13.1542, 0.2061, -0.9392

Details

The Hex color **242328** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **272823**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **504F55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211F28**, and if you desaturate by 10%, it is **272728**.

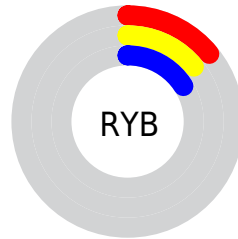
Distribution



Red (14%)

Green (14%)

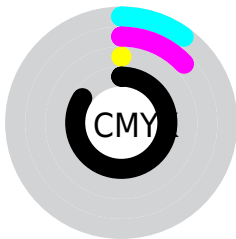
Blue (16%)



Red (14%)

Yellow (14%)

Blue (16%)

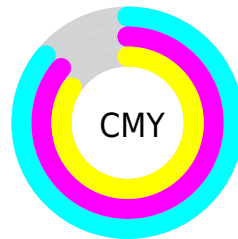


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (84%)



Cyan (86%)

Magenta (86%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242328 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 242328 by changing the saturation by 10% instead.

■ 242328

■ 242328

FFFFFF

■ 0F0D14

■ 504F55

■ 000000

■ 69676D

■ 828087

■ 9C9AA1

■ B6B5BC

■ D2D1D7

■ EEEDF4

■ 242328

■ 242328

■ 211F28

■ 272728

■ 1E1B28

■ 2A2B28

■ 1A1728

■ 2E2F28

■ 171328

■ 313328

■ 140F28

■ 343728

■ 110B28

■ 373B28

■ 0E0728

■ 3A3F28

■ 0A0328

■ 3E4328

■ 080028

■ 414728

Harmonies

Analogous

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



212429



242328



272226

Triad

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



242328



28231F



1E2523

Complementary

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



242328



272823

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.



202521



242328



26231F

Square

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



242328



292221



23241F



1D2526

Rectangle

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



242328



282225



23241F



1F2523

Sweetspot

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



242328



313133



232728



18181A



999999



1A1A1A

Same Dimension

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



242328



2D2B33



262328



131214



110054



2A00D4

Inverse Universe

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



282327



332B31



252823



141214



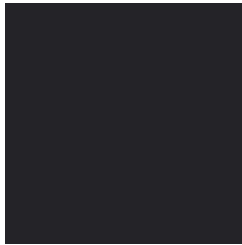
540043



D400A9

Previews

White Background



This preview shows how the Hex color 242328 looks on a white background.

Color Contrast Check

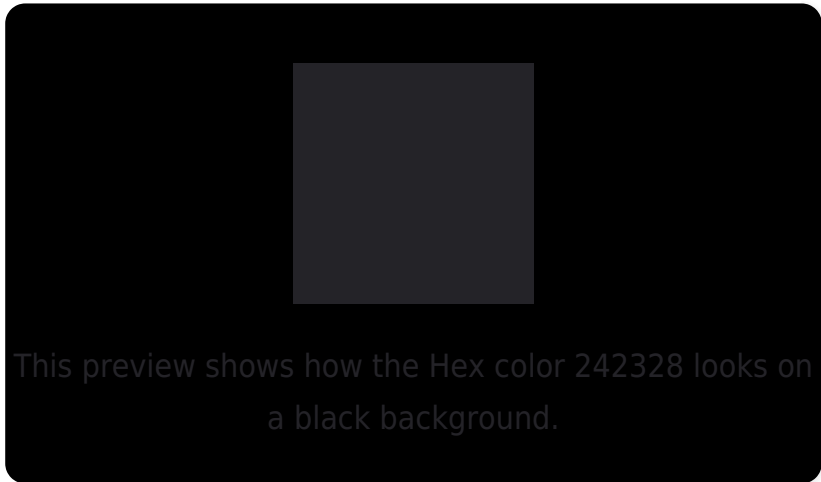
Large Text (above 18pt) WCAG AA ✓ Pass

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

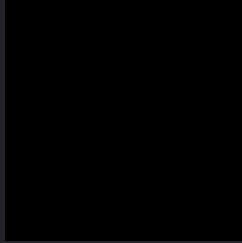
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

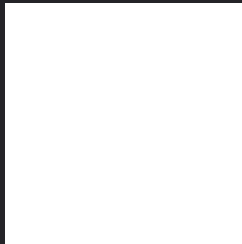
Any Text WCAG AAA × Fail

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

Hex 242328 Background



This preview shows how black text looks on a background with the Hex color 242328.



This preview shows how white text looks on a background with the Hex color 242328.

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
242328

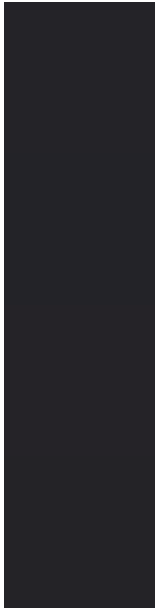
Protanopia
232328

Deuteranopia
252328



Tritanopia
242326

Trichromacy



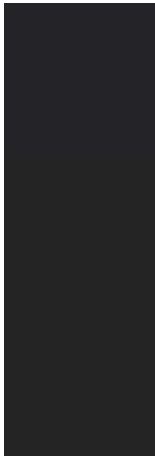
Original Color
242328

Protanomaly
232328

Deuteranomaly
252328

Tritanomaly
242327

Monochromacy



Original Color
242328

Achromatopsia
242424

Achromatomaly
242425

CSS Examples

Text

The CSS property to change the color of the text to Hex 242328 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 #242328 looks like.

```
.text, #text, p{  
    color:#242328  
}
```

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 #242328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242328
}
```

Border

The CSS property to change the border of an element to Hex 242328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

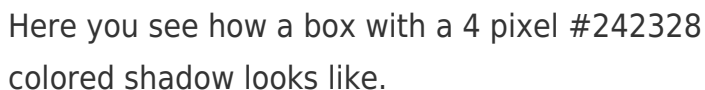
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242328 }
```

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

```
.border{ border-color:#242328 }
```

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



Here you see how a box with a 4 pixel #242328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242328; -webkit-box-shadow:4px 4px  
4px 4px #242328; box-shadow:4px 4px 4px  
4px #242328 }
```

Background

The CSS property to change the background color of an element to Hex 242328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242328 }
```

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

```
.background{ background-color:#242328 }
```

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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