

Converting Colors

Hex(242223)

Have a look what the booklet for
Hex(242223) contains.

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Color

Hex(242223)

Conversions

Conversions Part 1

Format	Color
Hex	242223
RGB	36, 34, 35
RGB Percent	14%, 13%, 14%
CMY	0.8588, 0.8667, 0.8627
CMYK	0.00, 0.06, 0.03, 0.86
HSL	330°, 3%, 14%
HSV	330°, 6%, 14%
XYZ	1.6030, 1.6405, 1.8223
YIQ	34.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
RYB	36, 34, 35
Decimal	2368035
CIELab	13.47, 1.18, -0.34
CIElCh	13, 1.225, 343.896
Yxy	1.6405, 0.3164, 0.3238
Android (android.graphics.Color)	4280558115 (0xFF242223)
YUV	34.7120, 0.1420, 1.1296
Hunter-Lab	12.8081, -0.0746, 0.5302

Details

The Hex color **242223** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **222423**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **504E4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241E21**, and if you desaturate by 10%, it is **242625**.

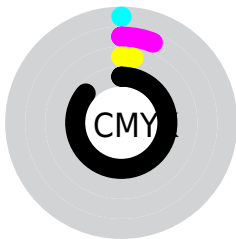
Distribution



- Red (14%)
- Green (13%)
- Blue (14%)



- Red (14%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (86%)



- Cyan (86%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242223 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 242223 by changing the saturation by 10% instead.

■ 242223

■ 242223

FFFFFF

■ 0F0C0D

■ 504E4F

■ 000000

■ 686667

■ 827F80

■ 9C999A

■ B6B4B5

■ D2CFD1

■ EEECED

■ 242223

■ 242223

■ 241E21

■ 242625

■ 241B1F

■ 242927

■ 24171E

■ 242D28

■ 24141C

■ 24302A

■ 24101A

■ 24342C

■ 240C18

■ 24382E

■ 240916

■ 243B30

■ 240515

■ 243F31

■ 240213

■ 244233

Harmonies

Analogous

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



232224



242223



242222

Triad

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



242223



232321



212324

Complementary

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



242223



222423

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.



212323



242223



222321

Square

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



242223



242221



212322



212324

Rectangle

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



242223



242222



212322



212323

Sweetspot

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



242223



2E2D2D



232224



171617



969696



171717

Same Dimension

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



242223



2E2B2C



242222



121011



520029



D10069

Inverse Universe

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



242223



2E2B2C



222424



121011



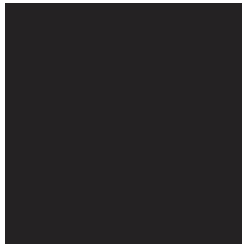
520029



D10069

Previews

White Background



This preview shows how the Hex color 242223 looks on a white background.

Color Contrast Check

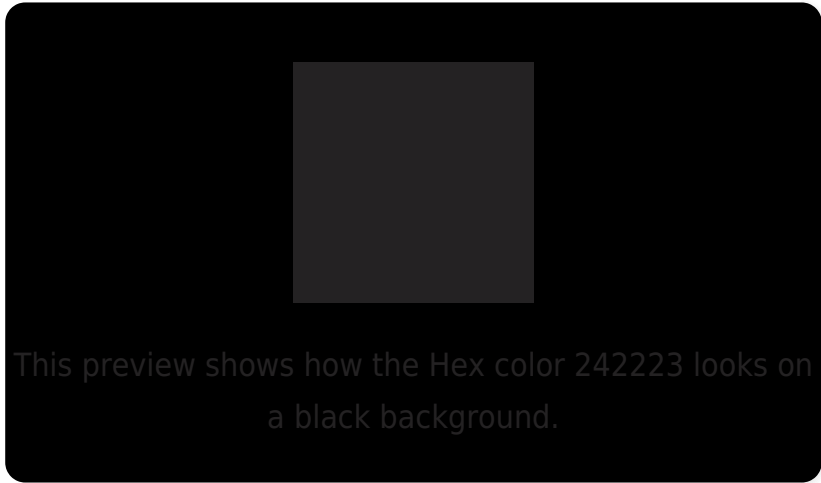
Large Text (above 18pt) WCAG AA ✓ Pass

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

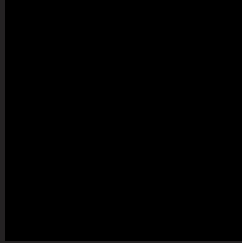
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

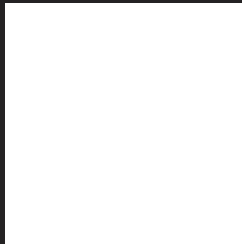
Any Text WCAG AAA × Fail

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

Hex 242223 Background



This preview shows how black text looks on a background with the Hex color 242223.

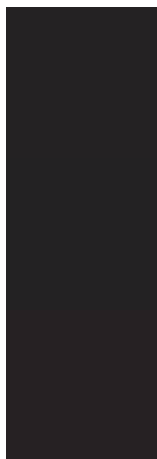


This preview shows how white text looks on a background with the Hex color 242223.

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

242223

Protanopia

232223

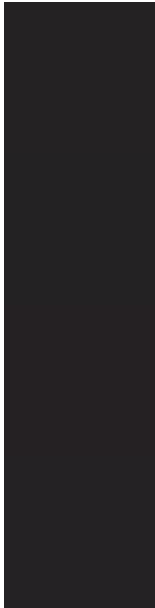
Deuteranopia

262123



Tritanopia
242224

Trichromacy



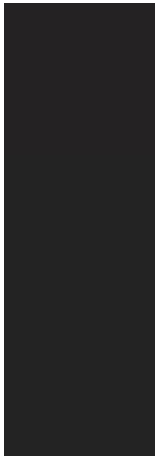
Original Color
242223

Protanomaly
232223

Deuteranomaly
252123

Tritanomaly
242224

Monochromacy



Original Color
242223

Achromatopsia
232323

Achromatomaly
232323

CSS Examples

Text

The CSS property to change the color of the text to Hex 242223 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 #242223 looks like.

```
.text, #text, p{  
    color:#242223  
}
```

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 #242223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242223
}
```

Border

The CSS property to change the border of an element to Hex 242223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

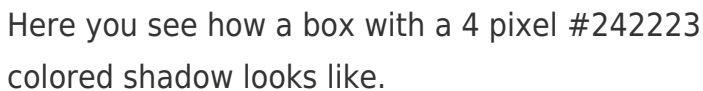
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242223 }
```

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

```
.border{ border-color:#242223 }
```

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



Here you see how a box with a 4 pixel #242223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242223; -webkit-box-shadow:4px 4px  
4px 4px #242223; box-shadow:4px 4px 4px  
4px #242223 }
```

Background

The CSS property to change the background color of an element to Hex 242223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242223 }
```

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

```
.background{ background-color:#242223 }
```

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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