

Converting Colors

Hex(252227)

Have a look what the booklet for
Hex(252227) contains.

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Color

Hex(252227)

Conversions

Conversions Part 1

Format	Color
Hex	252227
RGB	37, 34, 39
RGB Percent	15%, 13%, 15%
CMY	0.8549, 0.8667, 0.8471
CMYK	0.05, 0.13, 0.00, 0.85
HSL	276°, 7%, 14%
HSV	276°, 13%, 15%
XYZ	1.7012, 1.6839, 2.1548
YIQ	35.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

Format	Color
RYB	37, 34, 39
Decimal	2433575
CIELab	13.73, 2.63, -2.84
CIElCh	14, 3.870, 312.892
Yxy	1.6839, 0.3071, 0.3040
Android (android.graphics.Color)	4280623655 (0xFF252227)
YUV	35.4670, 1.7418, 1.3444
Hunter-Lab	12.9763, 0.6926, -0.7621

Details

The Hex color **252227** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **242722**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **524E54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **231E27**, and if you desaturate by 10%, it is **272627**.

Distribution



Red (15%)

Green (13%)

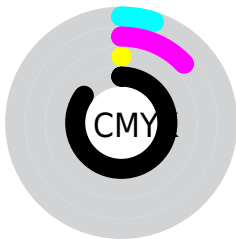
Blue (15%)



Red (15%)

Yellow (13%)

Blue (15%)



Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252227 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 252227 by changing the saturation by 10% instead.

■ 252227

■ 252227

FFFFFF

■ 100C12

■ 524E54

■ 000000

■ 6A666C

■ 837F85

■ 9D999F

■ B8B4BA

■ D3CFD6

■ F0ECF2

■ 252227

■ 252227

■ 231E27

■ 272627

■ 221A27

■ 282A27

■ 201627

■ 2A2E27

■ 1F1227

■ 2B3227

■ 1D0E27

■ 2D3627

■ 1C0B27

■ 2E3927

■ 1A0727

■ 303D27

■ 190327

■ 314127

■ 170027

■ 334527

Harmonies

Analogous

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



222328



252227



282125

Triad

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



252227



27221E



1C2524

Complementary

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



252227



242722

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.



1E2521



252227



24231E

Square

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



252227



29221F



21241F



1D2427

Rectangle

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



252227



292123



21241F



1D2523

Sweetspot

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



252227



323133



222427



19181A



999999



1A1A1A

Same Dimension

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



252227



302B33



272227



141214



320054



7F00D4

Inverse Universe

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



272224



332B2E



222723



141213



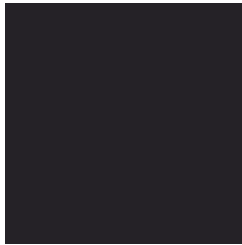
540022



D40055

Previews

White Background



This preview shows how the Hex color 252227 looks on a white background.

Color Contrast Check

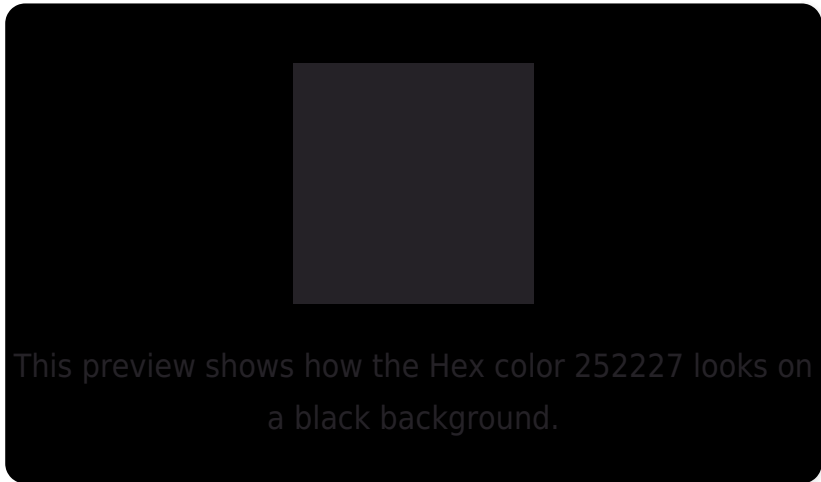
Large Text (above 18pt) WCAG AA ✓ Pass

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

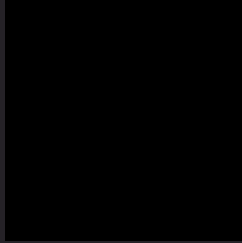
Any Text WCAG AA × Fail

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 252227 Background



This preview shows how black text looks on a background with the Hex color 252227.



This preview shows how white text looks on a background with the Hex color 252227.

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
252227

Protanopia
222328

Deuteranopia
252227



Tritanopia
252225

Trichromacy



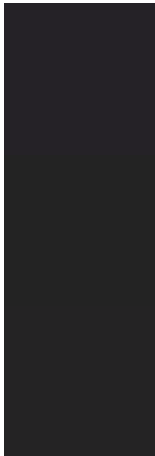
Original Color
252227

Protanomaly
232328

Deuteranomaly
252227

Tritanomaly
252226

Monochromacy



Original Color
252227

Achromatopsia
232323

Achromatomaly
242324

CSS Examples

Text

The CSS property to change the color of the text to Hex 252227 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 #252227 looks like.

```
.text, #text, p{  
  color:#252227  
}
```

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 #252227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252227
}
```

Border

The CSS property to change the border of an element to Hex 252227 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
#252227 }
```

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

```
.border{ border-color:#252227 }
```

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

Here you see how a box with a 4 pixel #252227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252227; -webkit-box-shadow:4px 4px  
4px 4px #252227; box-shadow:4px 4px 4px  
4px #252227 }
```

Background

The CSS property to change the background color of an element to Hex 252227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252227 }
```

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

```
.background{ background-color:#252227 }
```

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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