

Converting Colors

Hex(252A25)

Have a look what the booklet for
Hex(252A25) contains.

Hex(252A25)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(252A25)

Conversions

Conversions Part 1

Format	Color
Hex	252A25
RGB	37, 42, 37
RGB Percent	15%, 16%, 15%
CMY	0.8549, 0.8353, 0.8549
CMYK	0.12, 0.00, 0.12, 0.84
HSL	120°, 6%, 15%
HSV	120°, 12%, 16%
XYZ	1.9248, 2.1828, 2.0701
YIQ	39.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

Format	Color
R_{YB}	37, 42, 42
Decimal	2435621
CIE Lab	16.42, -3.45, 2.51
CIE LCh	16, 4.268, 143.902
Yxy	2.1828, 0.3116, 0.3533
Android (android.graphics.Color)	4280625701 (0xFF252A25)
YUV	39.9350, -1.4470, -2.5740
Hunter-Lab	14.7744, -2.5997, 2.0345

Details

The Hex color **252A25** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A252A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **525752**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212A21**, and if you desaturate by 10%, it is **292A29**.

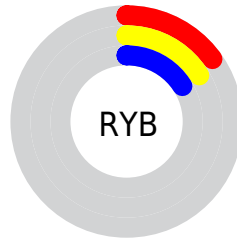
Distribution



Red (15%)

Green (16%)

Blue (15%)



Red (15%)

Yellow (16%)

Blue (16%)

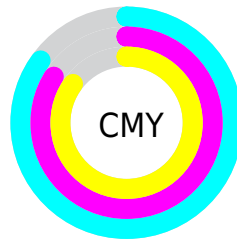


Cyan (12%)

Magenta (0%)

Yellow (12%)

Black (84%)



Cyan (85%)

Magenta (84%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252A25 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 252A25 by changing the saturation by 10% instead.

■ 252A25

■ 252A25

FFFFFF

■ 101610

■ 525752

■ 000000

■ 6A706A

■ 838983

■ 9DA39D

■ B8BEB8

■ D3DAD3

■ F0F7F0

■ 252A25

■ 252A25

■ 212A21

■ 292A29

■ 1D2A1D

■ 2D2A2D

■ 182A18

■ 322A32

■ 142A14

■ 362A36

■ 102A10

■ 3A2A3A

■ 0C2A0C

■ 3E2A3E

■ 082A08

■ 422A42

■ 032A03

■ 472A47

■ 002A00

■ 4B2A4B

Harmonies

Analogous

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



282923



252A25



222A28

Triad

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



252A25



25292F



2F2726

Complementary

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



252A25



2A252A

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.



2E2729



252A25



29282E

Square

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



252A25



222A2D



2C272C



2E2724

Rectangle

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



252A25



212A2A



2C272C



2F2727

Sweetspot

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



252A25



333633



2A2A25



1B1C1B



9C9C9C



1C1C1C

Same Dimension

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



252A25



2E362E



252A27



121412



005400



00D400

Inverse Universe

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



2A252A



362E36



2A2527



141214



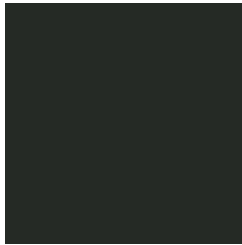
540054



D400D4

Previews

White Background



This preview shows how the Hex color 252A25 looks on a white background.

Color Contrast Check

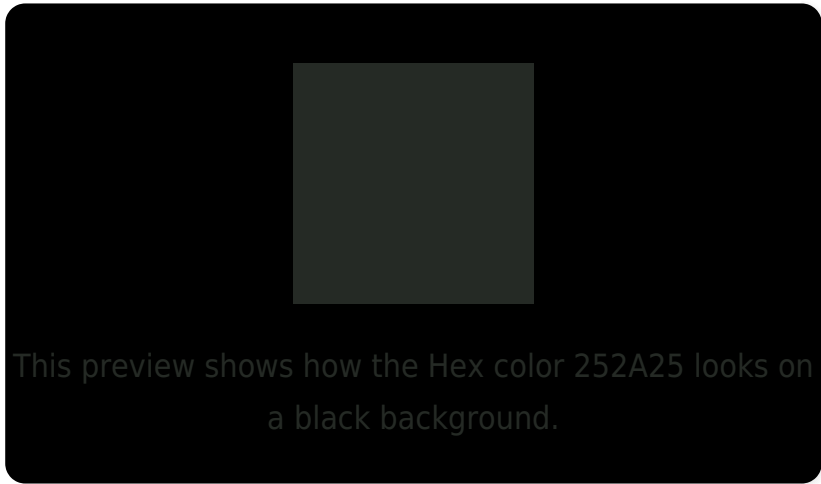
Large Text (above 18pt) WCAG AA ✓ Pass

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

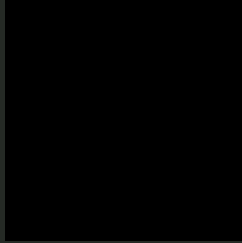
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

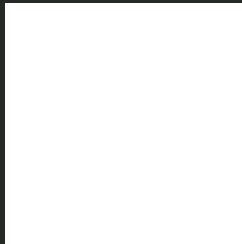
Any Text WCAG AAA × Fail

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

Hex 252A25 Background



This preview shows how black text looks on a background with the Hex color 252A25.

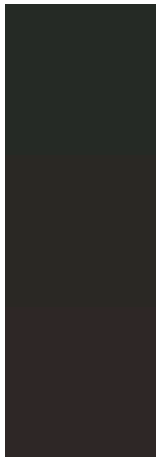


This preview shows how white text looks on a background with the Hex color 252A25.

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
252A25

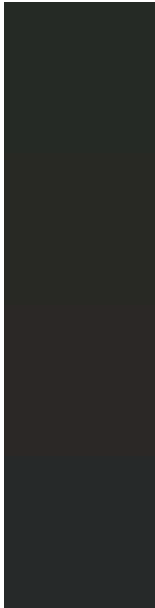
Protanopia
2A2824

Deuteranopia
2E2726



Tritanopia
26292C

Trichromacy



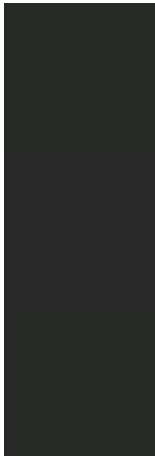
Original Color
252A25

Protanomaly
282924

Deuteranomaly
2B2826

Tritanomaly
262929

Monochromacy



Original Color
252A25

Achromatopsia
282828

Achromatomaly
272927

CSS Examples

Text

The CSS property to change the color of the text to Hex 252A25 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 #252A25 looks like.

```
.text, #text, p{  
    color:#252A25  
}
```

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 #252A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252A25
}
```

Border

The CSS property to change the border of an element to Hex 252A25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

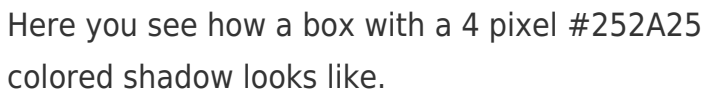
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252A25 }
```

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

```
.border{ border-color:#252A25 }
```

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



Here you see how a box with a 4 pixel #252A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252A25; -webkit-box-shadow:4px 4px  
4px 4px #252A25; box-shadow:4px 4px 4px  
4px #252A25 }
```

Background

The CSS property to change the background color of an element to Hex 252A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252A25 }
```

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

```
.background{ background-color:#252A25 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor