

Converting Colors

Hex(242D25)

Have a look what the booklet for
Hex(242D25) contains.

Hex(242D25)	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(242D25)

Conversions

Conversions Part 1

Format	Color
Hex	242D25
RGB	36, 45, 37
RGB Percent	14%, 18%, 15%
CMY	0.8588, 0.8235, 0.8549
CMYK	0.20, 0.00, 0.18, 0.82
HSL	127°, 11%, 16%
HSV	127°, 20%, 18%
XYZ	1.9999, 2.3854, 2.1053
YIQ	41.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

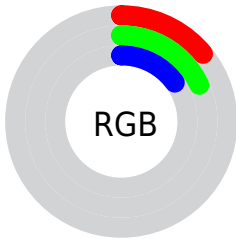
Format	Color
RYB	36, 44, 45
Decimal	2370853
CIELab	17.39, -5.90, 3.89
CIELCh	17, 7.066, 146.569
Yxy	2.3854, 0.3081, 0.3675
Android (android.graphics.Color)	4280560933 (0xFF242D25)
YUV	41.3970, -2.1677, -4.7332
Hunter-Lab	15.4448, -3.9153, 2.7295

Details

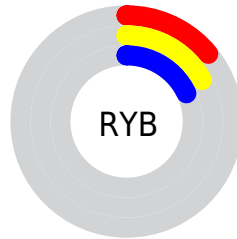
The Hex color **242D25** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D242C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **515B52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202D21**, and if you desaturate by 10%, it is **292D29**.

Distribution



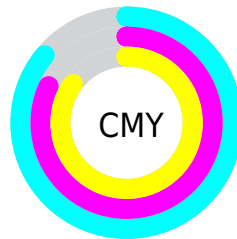
- Red (14%)
- Green (18%)
- Blue (15%)



- Red (14%)
- Yellow (17%)
- Blue (18%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (82%)



- Cyan (86%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242D25 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 242D25 by changing the saturation by 10% instead.

■ 242D25

■ 242D25

FFFFFF

■ 0F1910

■ 515B52

■ 000000

■ 69736A

■ 828D83

■ 9CA79D

■ B7C2B8

■ D2DED3

■ EFFBF0

■ 242D25

■ 242D25

■ 202D21

■ 292D29

■ 1B2D1D

■ 2D2D2D

■ 162D19

■ 312D31

■ 122D15

■ 362D35

■ 0E2D11

■ 3B2D39

■ 092D0D

■ 3F2D3D

■ 042D09

■ 442D41

■ 002D05

■ 482D45

■ 4D2D49

Harmonies

Analogous

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



2A2C22



242D25



1F2E2A

Triad

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



242D25



242B35



352726

Complementary

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



242D25



2D242C

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.



34272B



242D25



2B2A34

Square

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



242D25



1F2D33



312830



332922

Rectangle

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



242D25



1D2E2D



312830



352728

Sweetspot

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



242D25



373B38



2C2D24



1C1F1D



9E9E9E



1F1F1F

Same Dimension

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



242D25



2D3B2E



242D29



151715



00570A



00D618

Inverse Universe

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



2D242C



3B2D39



2D2428



171517



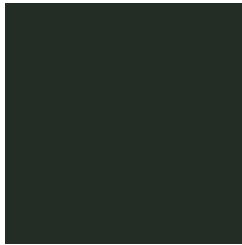
57004D



D600BE

Previews

White Background



This preview shows how the Hex color 242D25 looks on a white background.

Color Contrast Check

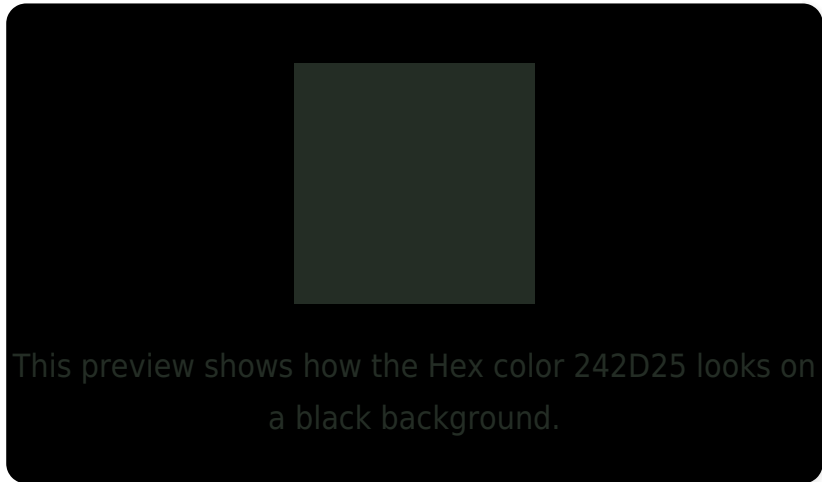
Large Text (above 18pt) WCAG AA ✓ Pass

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

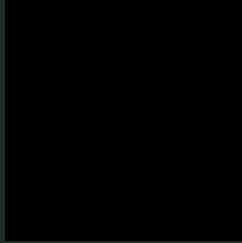
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

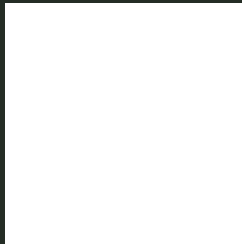
Any Text WCAG AAA × Fail

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

Hex 242D25 Background



This preview shows how black text looks on a background with the Hex color 242D25.



This preview shows how white text looks on a background with the Hex color 242D25.

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
242D25

Protanopia
2D2B24

Deuteranopia
312926

Trichromacy



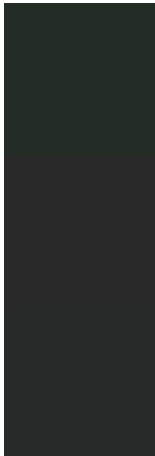
Original Color
242D25

Protanomaly
2A2C24

Deuteranomaly
2C2A26

Tritanomaly
252C2B

Monochromacy



Original Color
242D25

Achromatopsia
292929

Achromatomaly
272A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 242D25 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 #242D25 looks like.

```
.text, #text, p{  
    color:#242D25  
}
```

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 #242D25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242D25
}
```

Border

The CSS property to change the border of an element to Hex 242D25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

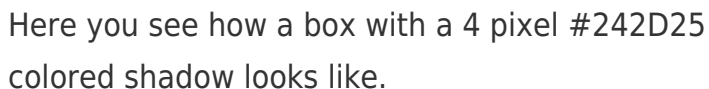
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242D25 }
```

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

```
.border{ border-color:#242D25 }
```

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



Here you see how a box with a 4 pixel #242D25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242D25; -webkit-box-shadow:4px 4px  
4px 4px #242D25; box-shadow:4px 4px 4px  
4px #242D25 }
```

Background

The CSS property to change the background color of an element to Hex 242D25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242D25 }
```

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

```
.background{ background-color:#242D25 }
```

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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