

Converting Colors

Hex(25302C)

Have a look what the booklet for
Hex(25302C) contains.

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Color

Hex(25302C)

Conversions

Conversions Part 1

Format	Color
Hex	25302C
RGB	37, 48, 44
RGB Percent	15%, 19%, 17%
CMY	0.8549, 0.8118, 0.8275
CMYK	0.23, 0.00, 0.08, 0.81
HSL	158°, 13%, 17%
HSV	158°, 23%, 19%
XYZ	2.2745, 2.6891, 2.7820
YIQ	44.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

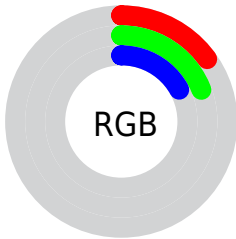
Format	Color
R_YB	37, 44, 48
Decimal	2437164
CIE Lab	18.75, -5.71, 1.01
CIE LCh	19, 5.801, 169.950
Yxy	2.6891, 0.2937, 0.3472
Android (android.graphics.Color)	4280627244 (0xFF25302C)
YUV	44.2550, -0.1257, -6.3626
Hunter-Lab	16.3984, -3.9385, 1.4201

Details

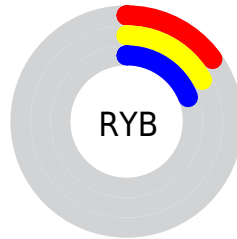
The Hex color **25302C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302529**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **525E59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20302A**, and if you desaturate by 10%, it is **2A302E**.

Distribution



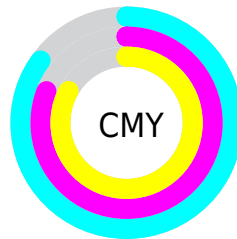
- Red (15%)
- Green (19%)
- Blue (17%)



- Red (15%)
- Yellow (17%)
- Blue (19%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (81%)



- Cyan (85%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25302C 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 25302C by changing the saturation by 10% instead.

■ 25302C

■ 25302C

FFFFFF

■ 111B18

■ 525E59

■ 000000

■ 6A7772

■ 83908B

■ 9DABA6

■ B8C6C1

■ D4E2DD

■ F0FFF9

■ 25302C

■ 25302C

■ 20302A

■ 2A302E

■ 1B3029

■ 2F302F

■ 173027

■ 333031

■ 123025

■ 383033

■ 0D3023

■ 3D3035

■ 083022

■ 423036

■ 033020

■ 473038

■ 00301F

■ 4B303A

■ 50303C

Harmonies

Analogous

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



292F28



25302C



233030

Triad

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



25302C



2D2D35



362C27

Complementary

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



25302C



302529

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.



372B2B



25302C



322C33

Square

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



25302C



272E36



352B2F



322D25

Rectangle

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



25302C



233033



352B2F



362B28

Sweetspot

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



25302C



393D3C



293025



1C1F1E



9E9E9E



1F1F1F

Same Dimension

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



25302C



2C3D37



252F30



151716



005737



00D688

Inverse Universe

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



302529



3D2C32



302625



171515



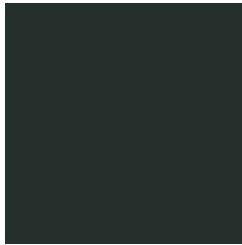
570020



D6004E

Previews

White Background



This preview shows how the Hex color 25302C looks on a white background.

Color Contrast Check

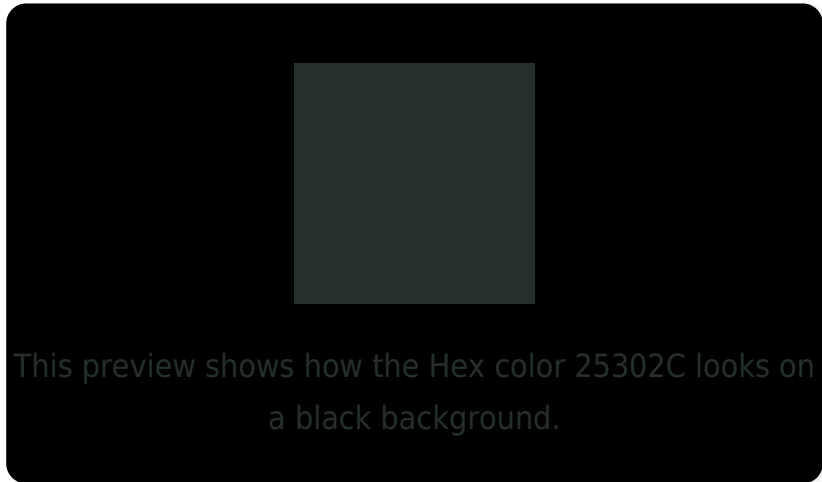
Large Text (above 18pt) WCAG AA ✓ Pass

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

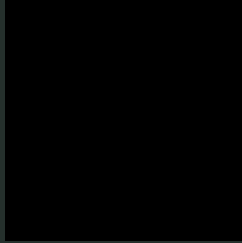
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

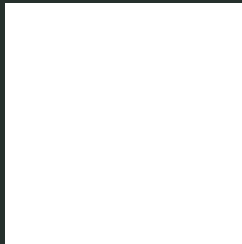
Any Text WCAG AAA × Fail

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

Hex 25302C Background



This preview shows how black text looks on a background with the Hex color 25302C.

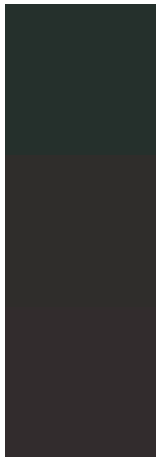


This preview shows how white text looks on a background with the Hex color 25302C.

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
25302C

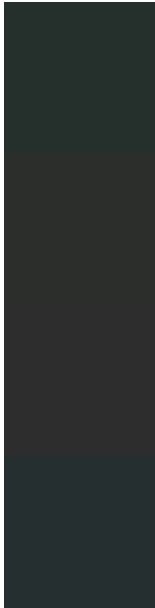
Protanopia
2F2D2B

Deuteranopia
322C2D



Tritanopia
262F33

Trichromacy



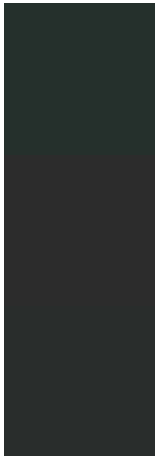
Original Color
25302C

Protanomaly
2B2E2B

Deuteranomaly
2D2D2D

Tritanomaly
262F30

Monochromacy



Original Color
25302C

Achromatopsia
2C2C2C

Achromatomaly
292D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 25302C 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 #25302C looks like.

```
.text, #text, p{  
    color:#25302C  
}
```

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 #25302C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25302C
}
```

Border

The CSS property to change the border of an element to Hex 25302C is called "border". The border property can be set on classes, ids or directly on the HTML element.

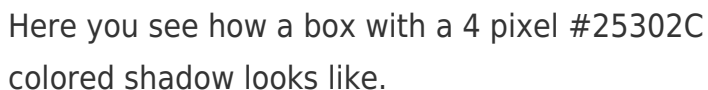
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25302C }
```

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

```
.border{ border-color:#25302C }
```

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



Here you see how a box with a 4 pixel #25302C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25302C; -webkit-box-shadow:4px 4px  
4px 4px #25302C; box-shadow:4px 4px 4px  
4px #25302C }
```

Background

The CSS property to change the background color of an element to Hex 25302C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25302C }
```

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

```
.background{ background-color:#25302C }
```

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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