

Converting Colors

Hex(252D31)

Have a look what the booklet for
Hex(252D31) contains.

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Color

Hex(252D31)

Conversions

Conversions Part 1

Format	Color
Hex	252D31
RGB	37, 45, 49
RGB Percent	15%, 18%, 19%
CMY	0.8549, 0.8235, 0.8078
CMYK	0.24, 0.08, 0.00, 0.81
HSL	200°, 14%, 17%
HSV	200°, 24%, 19%
XYZ	2.2557, 2.4918, 3.2678
YIQ	43.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

Format	Color
RYB	37, 42, 49
Decimal	2436401
CIELab	17.88, -2.35, -3.74
CIElCh	18, 4.416, 237.785
Yxy	2.4918, 0.2814, 0.3109
Android (android.graphics.Color)	4280626481 (0xFF252D31)
YUV	43.0640, 2.9264, -5.3181
Hunter-Lab	15.7856, -2.1176, -1.2239

Details

The Hex color **252D31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312925**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **525B5F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202B31**, and if you desaturate by 10%, it is **2A2F31**.

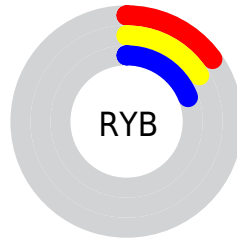
Distribution



Red (15%)

Green (18%)

Blue (19%)



Red (15%)

Yellow (16%)

Blue (19%)

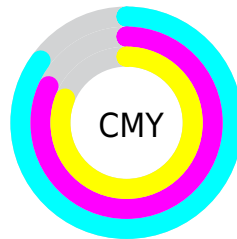


Cyan (24%)

Magenta (8%)

Yellow (0%)

Black (81%)



Cyan (85%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252D31 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 252D31 by changing the saturation by 10% instead.



252D31



252D31

FFFFFF



11181C



525B5F



000000



6A7378



838D91



9DA7AC



B8C2C7



D4DEE3



F0FBFF



252D31



252D31

■ 202B31

■ 2A2F31

■ 1B2A31

■ 2F3031

■ 162831

■ 343231

■ 112631

■ 393431

■ 0D2531

■ 3E3531

■ 082331

■ 423731

■ 032231

■ 473831

■ 002131

■ 4C3A31

■ 513C31

Harmonies

Analogous

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



242E2F



252D31



282C32

Triad

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



252D31



322A2C



2B2C26

Complementary

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



252D31



312925

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.



2F2B25



252D31



332A29

Square

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



252D31



302A2F



312A26



272D28

Rectangle

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



252D31



2B2B32



312A26



2C2C26

Sweetspot

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



252D31



3B3E40



253129



1E2021



A1A1A1



212121

Same Dimension

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



252D31



2D3A40



252731



17191A



003B59



0090D9

Inverse Universe

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



31252D



402D3A



312F25



1A1719



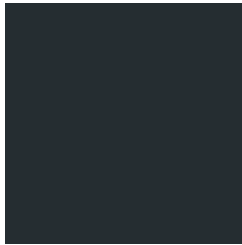
59003B



D90090

Previews

White Background



This preview shows how the Hex color 252D31 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

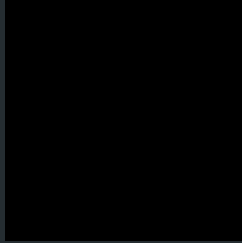
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

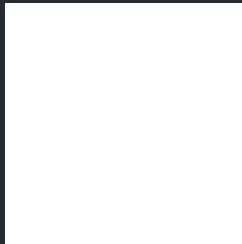
Any Text WCAG AAA × Fail

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

Hex 252D31 Background



This preview shows how black text looks on a background with the Hex color 252D31.

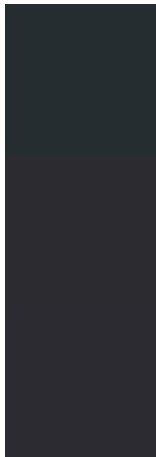


This preview shows how white text looks on a background with the Hex color 252D31.

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
252D31

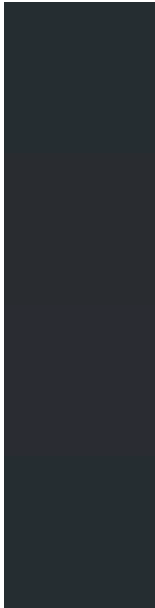
Protanopia
2B2B30

Deuteranopia
2D2B32



Tritanopia
252D31

Trichromacy



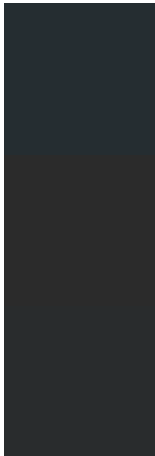
Original Color
252D31

Protanomaly
292C30

Deuteranomaly
2A2C32

Tritanomaly
252D31

Monochromacy



Original Color
252D31

Achromatopsia
2B2B2B

Achromatomaly
292C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 252D31 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 #252D31 looks like.

```
.text, #text, p{  
    color:#252D31  
}
```

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 #252D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252D31
}
```

Border

The CSS property to change the border of an element to Hex 252D31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

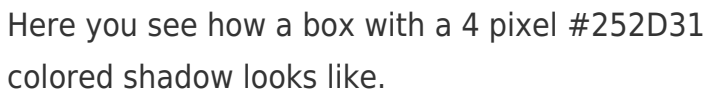
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252D31 }
```

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

```
.border{ border-color:#252D31 }
```

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



Here you see how a box with a 4 pixel #252D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252D31; -webkit-box-shadow:4px 4px  
4px 4px #252D31; box-shadow:4px 4px 4px  
4px #252D31 }
```

Background

The CSS property to change the background color of an element to Hex 252D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252D31 }
```

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

```
.background{ background-color:#252D31 }
```

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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