

Converting Colors

Hex(252030)

Have a look what the booklet for
Hex(252030) contains.

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Color

Hex(252030)

Conversions

Conversions Part 1

Format	Color
Hex	252030
RGB	37, 32, 48
RGB Percent	15%, 13%, 19%
CMY	0.8549, 0.8745, 0.8118
CMYK	0.23, 0.33, 0.00, 0.81
HSL	259°, 20%, 16%
HSV	259°, 33%, 19%
XYZ	1.8130, 1.6397, 3.0173
YIQ	35.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

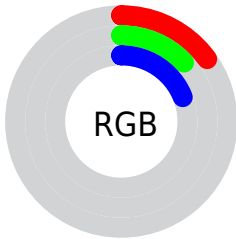
Format	Color
RYB	37, 32, 48
Decimal	2433072
CIELab	13.47, 6.57, -9.71
CIELCh	13, 11.724, 304.068
Yxy	1.6397, 0.2802, 0.2534
Android (android.graphics.Color)	4280623152 (0xFF252030)
YUV	35.3190, 6.2517, 1.4742
Hunter-Lab	12.8052, 2.8628, -5.0066

Details

The Hex color **252030** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3020**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **524C5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **221B30**, and if you desaturate by 10%, it is **282530**.

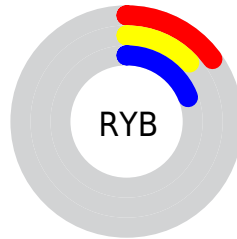
Distribution



Red (15%)

Green (13%)

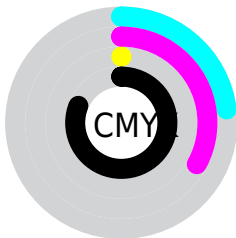
Blue (19%)



Red (15%)

Yellow (13%)

Blue (19%)

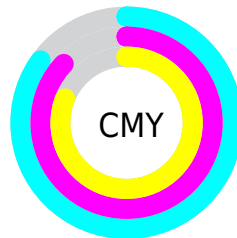


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (81%)



Cyan (85%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252030 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 252030 by changing the saturation by 10% instead.

■ 252030

■ 252030

FFFFFF

■ 11081B

■ 524C5E

■ 000000

■ 6A6477

■ 837D90

■ 9E97AB

■ B8B1C6

■ D4CDE2

■ F1E9FF

■ 252030

■ 252030

■ 221B30

■ 282530

■ 1E1630

■ 2C2A30

■ 1B1230

■ 2F2E30

■ 180D30

■ 323330

■ 150830

■ 363830

■ 110330

■ 393D30

■ 0F0030

■ 3C4230

■ 3F4630

■ 434B30

Harmonies

Analogous

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



192333



252030



2E1D2A

Triad

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



252030



2E2014



0B2723

Complementary

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



252030



2B3020

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.



15261B



252030



272212

Square

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



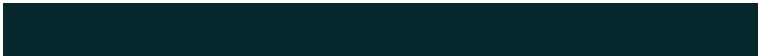
252030



321D1A



1E2515



06272B

Rectangle

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



252030



311C24



1E2515



0E2721

Sweetspot

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



252030



39373D



202B30



1C1B1F



9E9E9E



1F1F1F

Same Dimension

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



252030



2C253D



2D2030



151517



1B0057



4300D6

Inverse Universe

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



30202B



3D2536



233020



171516



57003C



D60093

Previews

White Background



This preview shows how the Hex color 252030 looks on a white background.

Color Contrast Check

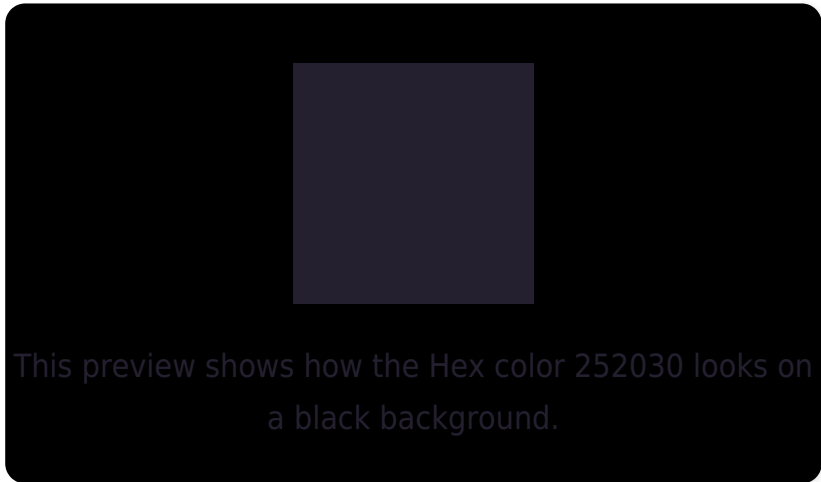
Large Text (above 18pt) WCAG AA ✓ Pass

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

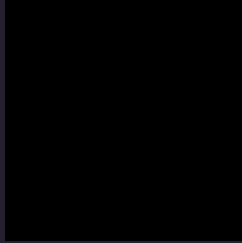
Any Text WCAG AA × Fail

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 252030 Background



This preview shows how black text looks on a background with the Hex color 252030.



This preview shows how white text looks on a background with the Hex color 252030.

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
252030

Protanopia
1E2232

Deuteranopia
1F2230



Tritanopia
232225

Trichromacy



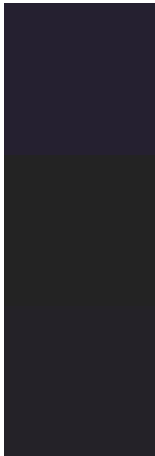
Original Color
252030

Protanomaly
212131

Deuteranomaly
212130

Tritanomaly
242129

Monochromacy



Original Color
252030

Achromatopsia
232323

Achromatomaly
242228

CSS Examples

Text

The CSS property to change the color of the text to Hex 252030 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 #252030 looks like.

```
.text, #text, p{  
    color:#252030  
}
```

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 #252030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252030
}
```

Border

The CSS property to change the border of an element to Hex 252030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

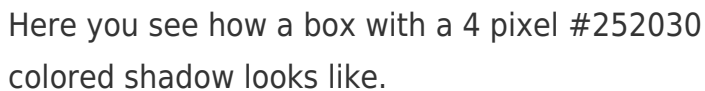
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252030 }
```

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

```
.border{ border-color:#252030 }
```

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



Here you see how a box with a 4 pixel #252030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252030; -webkit-box-shadow:4px 4px  
4px 4px #252030; box-shadow:4px 4px 4px  
4px #252030 }
```

Background

The CSS property to change the background color of an element to Hex 252030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252030 }
```

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

```
.background{ background-color:#252030 }
```

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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