

Converting Colors

Hex(213028)

Have a look what the booklet for
Hex(213028) contains.

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Color

Hex(213028)

Conversions

Conversions Part 1

Format	Color
Hex	213028
RGB	33, 48, 40
RGB Percent	13%, 19%, 16%
CMY	0.8706, 0.8118, 0.8431
CMYK	0.31, 0.00, 0.17, 0.81
HSL	148°, 19%, 16%
HSV	148°, 31%, 19%
XYZ	2.0672, 2.5904, 2.3985
YIQ	42.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

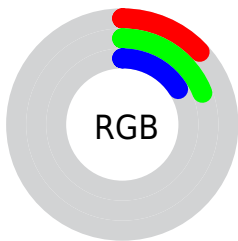
Format	Color
RYB	33, 43, 48
Decimal	2175016
CIELab	18.32, -8.38, 3.11
CIELCh	18, 8.936, 159.618
Yxy	2.5904, 0.2930, 0.3671
Android (android.graphics.Color)	4280365096 (0xFF213028)
YUV	42.6030, -1.2833, -8.4218
Hunter-Lab	16.0948, -5.2402, 2.4307

Details

The Hex color **213028** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302129**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4E5E55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C3025**, and if you desaturate by 10%, it is **26302B**.

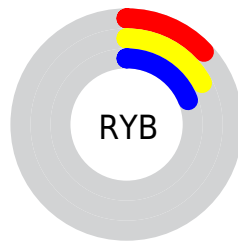
Distribution



Red (13%)

Green (19%)

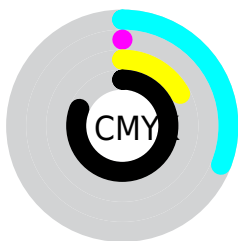
Blue (16%)



Red (13%)

Yellow (17%)

Blue (19%)

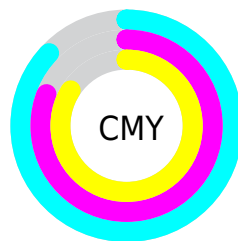


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (81%)



Cyan (87%)

Magenta (81%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213028 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 213028 by changing the saturation by 10% instead.

■ 213028

■ 213028

FFFFFF

■ 0C1B14

■ 4E5E55

■ 000000

■ 66776D

■ 7F9087

■ 99ABA1

■ B4C6BC

■ CFE2D7

■ EBFFF4

■ 213028

■ 213028

■ 1C3025

■ 26302B

■ 173023

■ 2B302D

■ 133020

■ 2F3030

■ 0E301E

■ 343032

■ 09301B

■ 393035

■ 043019

■ 3E3037

■ 003016

■ 43303A

■ 47303C

■ 4C303F

Harmonies

Analogous

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



282F23



213028



1C302F

Triad

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



213028



282D39



392925

Complementary

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



213028



302129

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.



3A282B



213028



302A37

Square

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



213028



202F39



372931



352B21

Rectangle

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



213028



1A3033



372931



3A2927

Sweetspot

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



213028



383D3A



293021



1B1F1D



9E9E9E



1F1F1F

Same Dimension

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



213028



263D31



213030



151716



005728



00D664

Inverse Universe

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



302129



3D2632



302122



171516



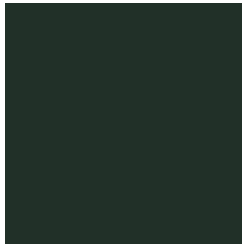
57002E



D60072

Previews

White Background



This preview shows how the Hex color 213028 looks on a white background.

Color Contrast Check

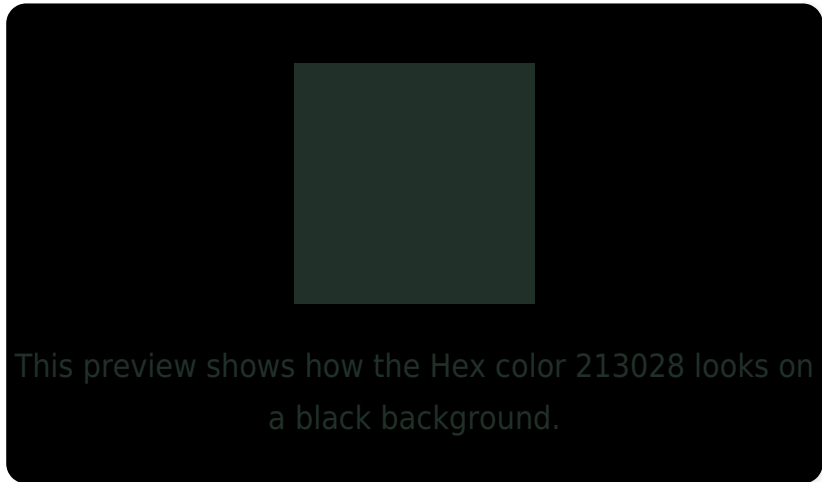
Large Text (above 18pt) WCAG AA ✓ Pass

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

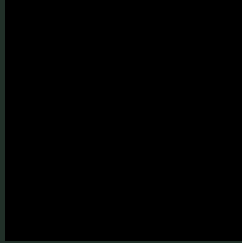
Any Text WCAG AA × Fail

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 213028 Background



This preview shows how black text looks on a background with the Hex color 213028.



This preview shows how white text looks on a background with the Hex color 213028.

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
213028

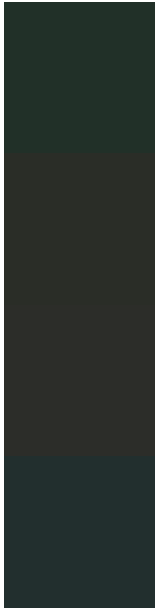
Protanopia
2F2C26

Deuteranopia
322B29



Tritanopia
232F32

Trichromacy



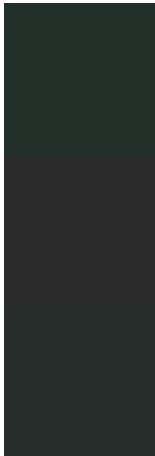
Original Color
213028

Protanomaly
2A2D27

Deuteranomaly
2C2D29

Tritanomaly
222F2E

Monochromacy



Original Color
213028

Achromatopsia
2B2B2B

Achromatomaly
272D2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 213028 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 #213028 looks like.

```
.text, #text, p{  
    color:#213028  
}
```

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 #213028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213028
}
```

Border

The CSS property to change the border of an element to Hex 213028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

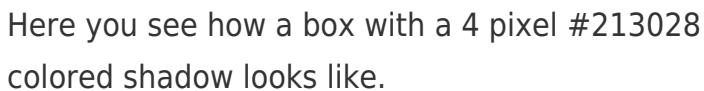
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213028 }
```

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

```
.border{ border-color:#213028 }
```

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



Here you see how a box with a 4 pixel #213028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213028; -webkit-box-shadow:4px 4px  
4px 4px #213028; box-shadow:4px 4px 4px  
4px #213028 }
```

Background

The CSS property to change the background color of an element to Hex 213028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213028 }
```

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

```
.background{ background-color:#213028 }
```

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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