

Converting Colors

Hex(213027)

Have a look what the booklet for
Hex(213027) contains.

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Color

Hex(213027)

Conversions

Conversions Part 1

Format	Color
Hex	213027
RGB	33, 48, 39
RGB Percent	13%, 19%, 15%
CMY	0.8706, 0.8118, 0.8471
CMYK	0.31, 0.00, 0.19, 0.81
HSL	144°, 19%, 16%
HSV	144°, 31%, 19%
XYZ	2.0504, 2.5837, 2.3101
YIQ	42.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

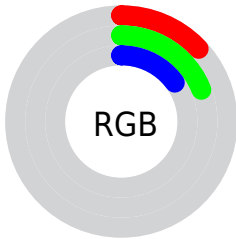
Format	Color
RYB	33, 44, 48
Decimal	2175015
CIELab	18.29, -8.63, 3.76
CIELCh	18, 9.411, 156.459
Yxy	2.5837, 0.2953, 0.3721
Android (android.graphics.Color)	4280365095 (0xFF213027)
YUV	42.4890, -1.7201, -8.3219
Hunter-Lab	16.0740, -5.3603, 2.7308

Details

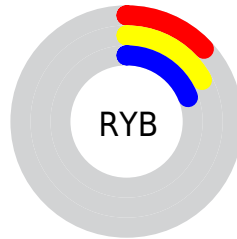
The Hex color **213027** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30212A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4E5E54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C3024**, and if you desaturate by 10%, it is **26302A**.

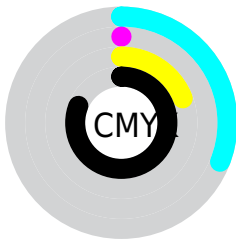
Distribution



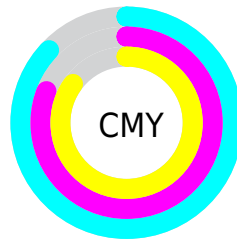
- Red (13%)
- Green (19%)
- Blue (15%)



- Red (13%)
- Yellow (17%)
- Blue (19%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)
- Black (81%)



- Cyan (87%)
- Magenta (81%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213027 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 213027 by changing the saturation by 10% instead.

■ 213027

■ 213027

FFFFFF

■ 0C1B13

■ 4E5E54

■ 000000

■ 66776C

■ 7F9085

■ 99AB9F

■ B4C6BA

■ CFE2D6

■ EBFFF2

■ 213027

■ 213027

■ 1C3024

■ 26302A

■ 173021

■ 2B302D

■ 13301E

■ 2F3030

■ 0E301B

■ 343033

■ 093019

■ 393035

■ 043016

■ 3E3038

■ 003013

■ 43303B

■ 47303E

■ 4C3041

Harmonies

Analogous

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



292F22



213027



1B312E

Triad

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



213027



262D3A



3A2825

Complementary

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



213027



30212A

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



213027



302A38

Square

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



213027



1E2F39



372832



362A20

Rectangle

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



213027



193032



372832



3A2827

Sweetspot

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



213027



383D3A



2A3021



1B1F1D



9E9E9E



1F1F1F

Same Dimension

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



213027



263D2F



21302F



151716



005723



00D656

Inverse Universe

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



30212A



3D2634



302123



171516



570034



D60081

Previews

White Background



This preview shows how the Hex color 213027 looks on a white background.

Color Contrast Check

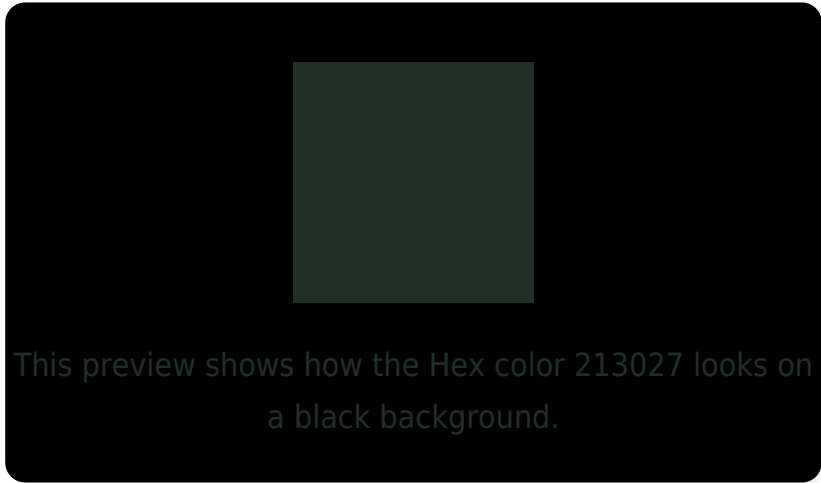
Large Text (above 18pt) WCAG AA ✓ Pass

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

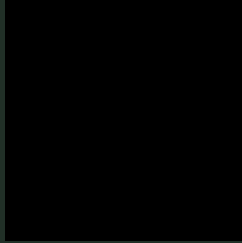
Any Text WCAG AA × Fail

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 213027 Background



This preview shows how black text looks on a background with the Hex color 213027.



This preview shows how white text looks on a background with the Hex color 213027.

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

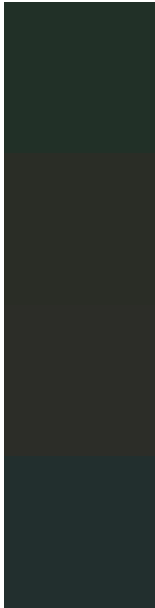


Original Color
213027

Protanopia
2F2C25

Deuteranopia
322B28

Trichromacy



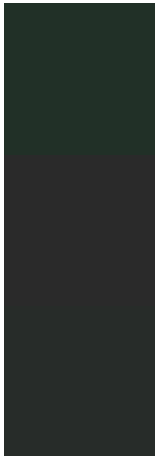
Original Color
213027

Protanomaly
2A2D26

Deuteranomaly
2C2D28

Tritanomaly
222F2E

Monochromacy



Original Color
213027

Achromatopsia
2A2A2A

Achromatomaly
272C29

CSS Examples

Text

The CSS property to change the color of the text to Hex 213027 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 #213027 looks like.

```
.text, #text, p{  
    color:#213027  
}
```

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 #213027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213027
}
```

Border

The CSS property to change the border of an element to Hex 213027 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
#213027 }
```

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

```
.border{ border-color:#213027 }
```

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

Here you see how a box with a 4 pixel #213027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213027; -webkit-box-shadow:4px 4px  
4px 4px #213027; box-shadow:4px 4px 4px  
4px #213027 }
```

Background

The CSS property to change the background color of an element to Hex 213027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213027 }
```

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

```
.background{ background-color:#213027 }
```

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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