

Converting Colors

Hex(213227)

Have a look what the booklet for
Hex(213227) contains.

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Color

Hex(213227)

Conversions

Conversions Part 1

Format	Color
Hex	213227
RGB	33, 50, 39
RGB Percent	13%, 20%, 15%
CMY	0.8706, 0.8039, 0.8471
CMYK	0.34, 0.00, 0.22, 0.80
HSL	141°, 20%, 16%
HSV	141°, 34%, 20%
XYZ	2.1340, 2.7510, 2.3380
YIQ	43.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

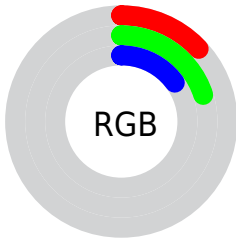
Format	Color
R_{YB}	33, 46, 50
Decimal	2175527
CIE _{Lab}	19.02, -9.88, 4.79
CIE _{LCh}	19, 10.982, 154.160
Yxy	2.7510, 0.2954, 0.3809
Android (android.graphics.Color)	4280365607 (0xFF213227)
YUV	43.6630, -2.2989, -9.3515
Hunter-Lab	16.5862, -6.0597, 3.2529

Details

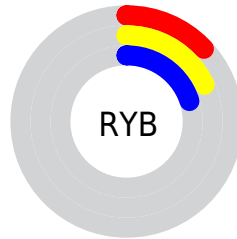
The Hex color **213227** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **32212C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4E6054**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C3224**, and if you desaturate by 10%, it is **26322A**.

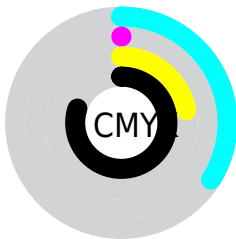
Distribution



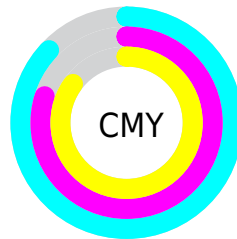
- Red (13%)
- Green (20%)
- Blue (15%)



- Red (13%)
- Yellow (18%)
- Blue (20%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (80%)



- Cyan (87%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213227 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 213227 by changing the saturation by 10% instead.

■ 213227

■ 213227

FFFFFF

■ 0C1D13

■ 4E6054

■ 000000

■ 66796C

■ 7F9385

■ 99AE9F

■ B4C9BA

■ CFE5D6

■ ECFFF3

■ 213227

■ 213227

■ 1C3224

■ 26322A

■ 173221

■ 2B322D

■ 12321D

■ 303231

■ 0D321A

■ 353234

■ 083217

■ 3A3237

■ 033214

■ 3F323A

■ 003212

■ 44323E

■ 493241

■ 4E3244

Harmonies

Analogous

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



2A3021



213227



19332F

Triad

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



213227



262F3E



3E2926

Complementary

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



213227



32212C

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.



3E282D



213227



312C3B

Square

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



213227



1B313C



392935



3A2B20

Rectangle

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



213227



163334



392935



3E2928

Sweetspot

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



213227



39403C



2C3221



1D211F



A1A1A1



212121

Same Dimension

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



213227



26402F



21322F



171A18



005920



00D94D

Inverse Universe

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



32212C



402637



322124



1A1719



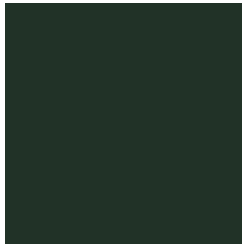
59003A



D9008C

Previews

White Background



This preview shows how the Hex color 213227 looks on a white background.

Color Contrast Check

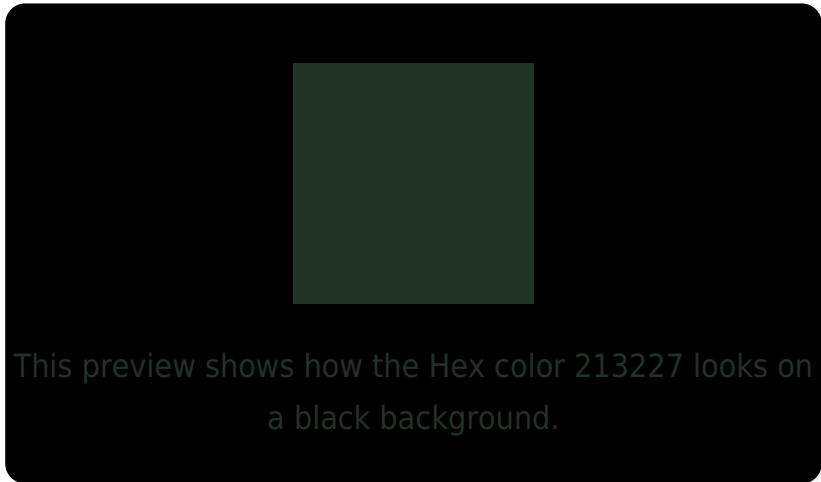
Large Text (above 18pt) WCAG AA ✓ Pass

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

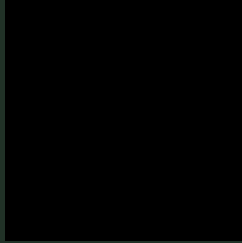
Any Text WCAG AA × Fail

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 213227 Background



This preview shows how black text looks on a background with the Hex color 213227.



This preview shows how white text looks on a background with the Hex color 213227.

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
213227

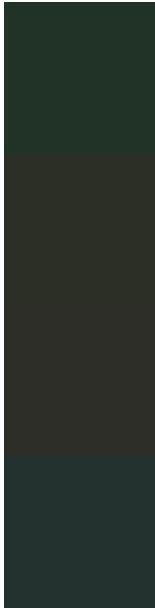
Protanopia
312E25

Deuteranopia
352C28



Tritanopia
243034

Trichromacy



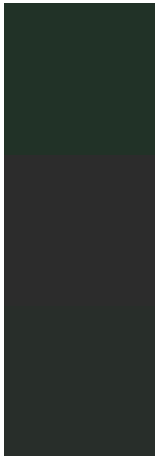
Original Color
213227

Protanomaly
2B2F26

Deuteranomaly
2E2E28

Tritanomaly
23312F

Monochromacy



Original Color
213227

Achromatopsia
2C2C2C

Achromatomaly
282E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 213227 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 #213227 looks like.

```
.text, #text, p{  
    color:#213227  
}
```

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 #213227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213227
}
```

Border

The CSS property to change the border of an element to Hex 213227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

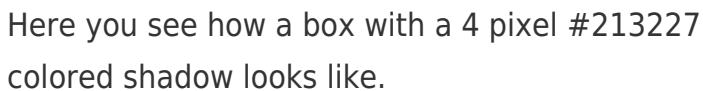
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213227 }
```

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

```
.border{ border-color:#213227 }
```

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



Here you see how a box with a 4 pixel #213227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213227; -webkit-box-shadow:4px 4px  
4px 4px #213227; box-shadow:4px 4px 4px  
4px #213227 }
```

Background

The CSS property to change the background color of an element to Hex 213227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213227 }
```

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

```
.background{ background-color:#213227 }
```

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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