

Converting Colors

Hex(213237)

Have a look what the booklet for
Hex(213237) contains.

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Color

Hex(213237)

Conversions

Conversions Part 1

Format	Color
Hex	213237
RGB	33, 50, 55
RGB Percent	13%, 20%, 22%
CMY	0.8706, 0.8039, 0.7843
CMYK	0.40, 0.09, 0.00, 0.78
HSL	194°, 25%, 17%
HSV	194°, 40%, 22%
XYZ	2.4574, 2.8804, 4.0409
YIQ	45.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

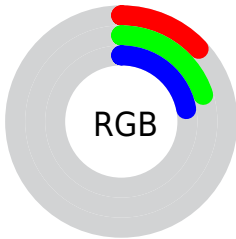
Format	Color
R_YB	33, 43, 55
Decimal	2175543
CIE Lab	19.56, -5.42, -5.40
CIE LCh	20, 7.654, 224.914
Yxy	2.8804, 0.2620, 0.3071
Android (android.graphics.Color)	4280365623 (0xFF213237)
YUV	45.4870, 4.6899, -10.9511
Hunter-Lab	16.9717, -3.8547, -2.2365

Details

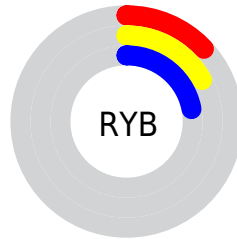
The Hex color **213237** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372621**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4E6066**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **1C3137**, and if you desaturate by 10%, it is **273337**.

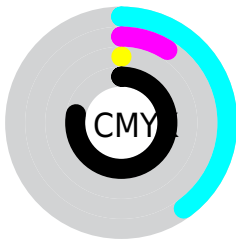
Distribution



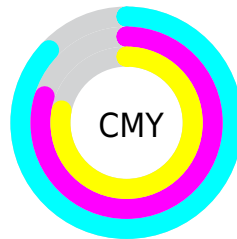
- Red (13%)
- Green (20%)
- Blue (22%)



- Red (13%)
- Yellow (17%)
- Blue (22%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (78%)



- Cyan (87%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213237 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 213237 by changing the saturation by 10% instead.

■ 213237

■ 213237

FFFFFF

■ 0C1D22

■ 4E6066

■ 00000B

■ 67797F

■ 000000

■ 809399

■ 9AADB3

■ B5C9CF

■ D0E5EB

■ EDFFFF

■ 213237

■ 213237

■ 1C3137

■ 273337

■ 162F37

■ 2C3537

■ 112E37

■ 323637

■ 0B2D37

■ 373737

■ 052C37

■ 3D3837

■ 002A37

■ 423A37

■ 483B37

■ 4D3C37

■ 533D37

Harmonies

Analogous

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



213332



213237



26313A

Triad

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



213237



392C32



313025

Complementary

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



213237



372621

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.



362E25



213237



3B2B2D

Square

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



213237



342D37



3A2C28



2A3127

Rectangle

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



213237



2A303A



3A2C28



332F24

Sweetspot

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



213237



3F4547



213726



1F2324



A3A3A3



242424

Same Dimension

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



213237



254047



212737



191B1C



00475C



00A9DB

Inverse Universe

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



372132



472540



373121



1C191B



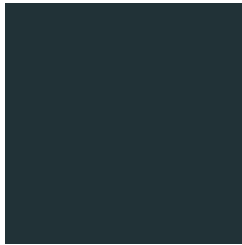
5C0047



DB00A9

Previews

White Background



This preview shows how the Hex color 213237 looks on a white background.

Color Contrast Check

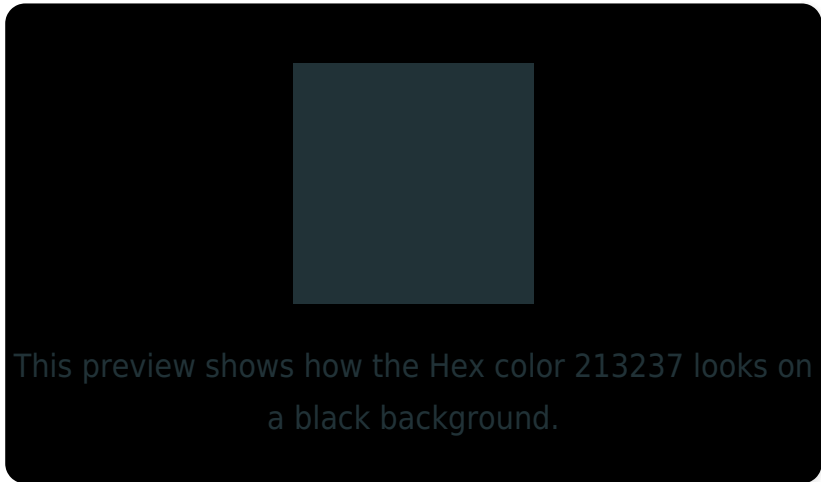
Large Text (above 18pt) WCAG AA ✓ Pass

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

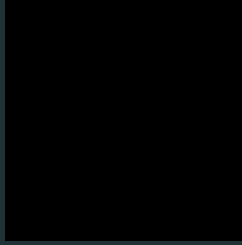
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

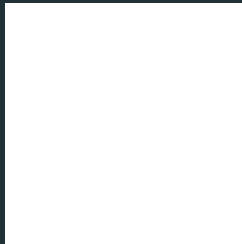
Any Text WCAG AAA × Fail

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

Hex 213237 Background



This preview shows how black text looks on a background with the Hex color 213237.

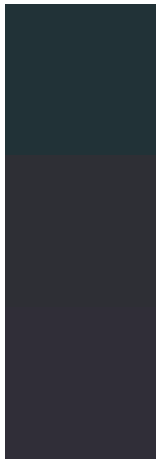


This preview shows how white text looks on a background with the Hex color 213237.

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](#).

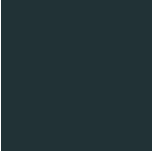
Dichromacy



Original Color
213237

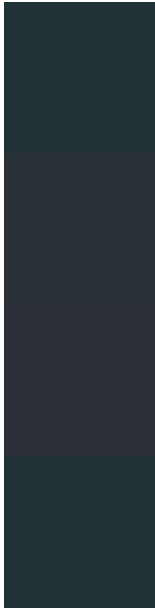
Protanopia
2E2F35

Deuteranopia
302E38



Tritanopia
213236

Trichromacy



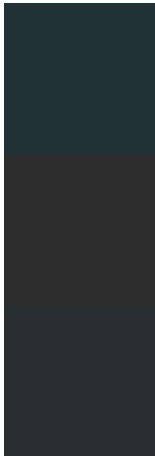
Original Color
213237

Protanomaly
293036

Deuteranomaly
2B2F38

Tritanomaly
213236

Monochromacy



Original Color
213237

Achromatopsia
2D2D2D

Achromatomaly
292F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 213237 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 #213237 looks like.

```
.text, #text, p{  
    color:#213237  
}
```

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 #213237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213237
}
```

Border

The CSS property to change the border of an element to Hex 213237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

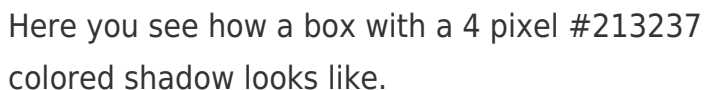
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213237 }
```

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

```
.border{ border-color:#213237 }
```

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



Here you see how a box with a 4 pixel #213237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213237; -webkit-box-shadow:4px 4px  
4px 4px #213237; box-shadow:4px 4px 4px  
4px #213237 }
```

Background

The CSS property to change the background color of an element to Hex 213237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213237 }
```

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

```
.background{ background-color:#213237 }
```

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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