

Converting Colors

Hex(213838)

Have a look what the booklet for
Hex(213838) contains.

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Color

Hex(213838)

Conversions

Conversions Part 1

Format	Color
Hex	213838
RGB	33, 56, 56
RGB Percent	13%, 22%, 22%
CMY	0.8706, 0.7804, 0.7804
CMYK	0.41, 0.00, 0.00, 0.78
HSL	180°, 26%, 17%
HSV	180°, 41%, 22%
XYZ	2.7552, 3.4372, 4.2596
YIQ	49.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

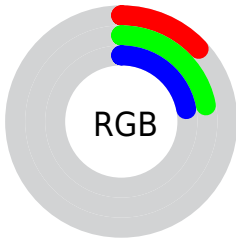
Format	Color
R_{YB}	33, 45, 56
Decimal	2177080
CIE Lab	21.72, -8.98, -2.87
CIE LCh	22, 9.422, 197.713
Yxy	3.4372, 0.2636, 0.3289
Android (android.graphics.Color)	4280367160 (0xFF213838)
YUV	49.1230, 3.3904, -14.1399
Hunter-Lab	18.5397, -5.9176, -0.6445

Details

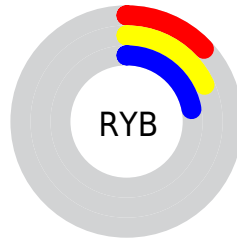
The Hex color **213838** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **382121**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4F6767**, and **000C0D** is the 20% darker color. If you saturate the color by 10%, you get **1B3838**, and if you desaturate by 10%, it is **273838**.

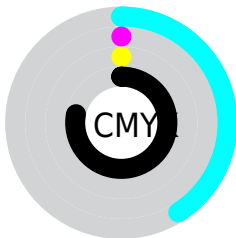
Distribution



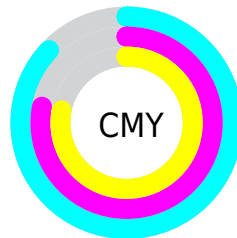
- Red (13%)
- Green (22%)
- Blue (22%)



- Red (13%)
- Yellow (18%)
- Blue (22%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 213838 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 213838 by changing the saturation by 10% instead.

■ 213838

■ 213838

FFFFFF

■ 0B2223

■ 4F6767

■ 000C0D

■ 678080

■ 000000

■ 809A9A

■ 9BB5B5

■ B6D0D0

■ D1EDEC

■ EEEFFF

■ 213838

■ 213838

■ 1B3838

■ 273838

■ 163838

■ 2C3838

■ 103838

■ 323838

■ 0B3838

■ 373838

■ 053838

■ 3D3838

■ 003838

■ 433838

■ 483838

■ 4E3838

■ 533838

Harmonies

Analogous

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



263831



213838



22373E

Triad

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



213838



3A313D



3C3327

Complementary

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



213838



382121

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.



41302A



213838



402F37

Square

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



213838



313341



422F30



353527

Rectangle

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



213838



263641



422F30



3E3227

Sweetspot

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



213838



414A4A



213821



212626



A6A6A6



262626

Same Dimension

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



213838



264A4A



212D38



191C1C



005C5C



00DBDB

Inverse Universe

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



382138



4A264A



382D21



1C191C



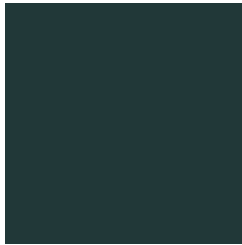
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 213838 looks on a white background.

Color Contrast Check

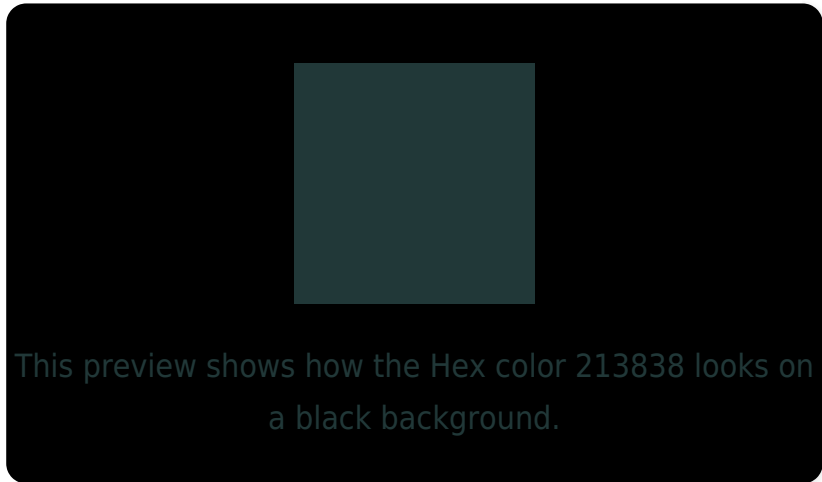
Large Text (above 18pt) WCAG AA ✓ Pass

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

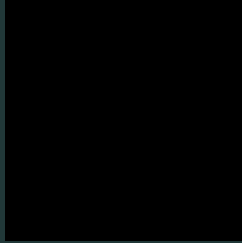
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

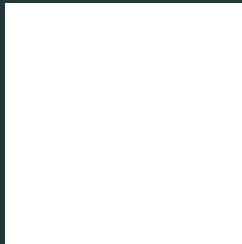
Any Text WCAG AAA × Fail

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

Hex 213838 Background



This preview shows how black text looks on a background with the Hex color 213838.



This preview shows how white text looks on a background with the Hex color 213838.

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

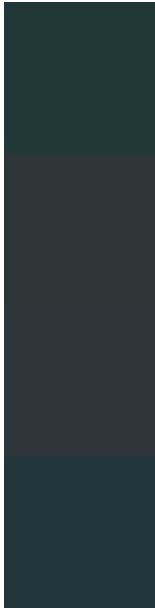


Original Color
213838

Protanopia
343435

Deuteranopia
373339

Trichromacy



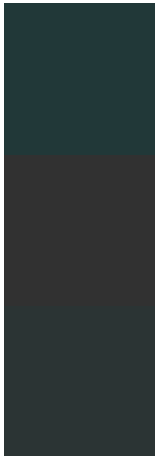
Original Color
213838

Protanomaly
2D3536

Deuteranomaly
2F3539

Tritanomaly
22373B

Monochromacy



Original Color
213838

Achromatopsia
313131

Achromatomaly
2B3434

CSS Examples

Text

The CSS property to change the color of the text to Hex 213838 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 #213838 looks like.

```
.text, #text, p{  
    color:#213838  
}
```

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 #213838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213838
}
```

Border

The CSS property to change the border of an element to Hex 213838 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
#213838 }
```

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

```
.border{ border-color:#213838 }
```

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

Here you see how a box with a 4 pixel #213838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213838; -webkit-box-shadow:4px 4px  
4px 4px #213838; box-shadow:4px 4px 4px  
4px #213838 }
```

Background

The CSS property to change the background color of an element to Hex 213838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213838 }
```

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

```
.background{ background-color:#213838 }
```

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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