

Converting Colors

Hex(213C33)

Have a look what the booklet for
Hex(213C33) contains.

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Color

Hex(213C33)

Conversions

Conversions Part 1

Format	Color
Hex	213C33
RGB	33, 60, 51
RGB Percent	13%, 24%, 20%
CMY	0.8706, 0.7647, 0.8000
CMYK	0.45, 0.00, 0.15, 0.76
HSL	160°, 29%, 18%
HSV	160°, 45%, 24%
XYZ	2.8406, 3.7941, 3.7146
YIQ	50.9010, -13.2030, -8.5230

Conversions

Conversions Part 2

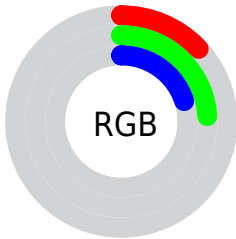
Format	Color
R_{YB}	33, 49, 60
Decimal	2178099
CIE _{Lab}	22.98, -12.85, 2.34
CIE _{LCh}	23, 13.057, 169.680
Yxy	3.7941, 0.2745, 0.3666
Android (android.graphics.Color)	4280368179 (0xFF213C33)
YUV	50.9010, 0.0488, -15.6992
Hunter-Lab	19.4784, -8.0559, 2.3281

Details

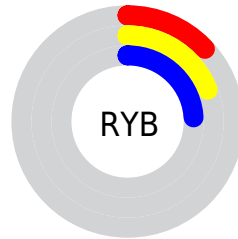
The Hex color **213C33** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C212A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4F6B61**, and **001205** is the 20% darker color. If you saturate the color by 10%, you get **1B3C31**, and if you desaturate by 10%, it is **273C35**.

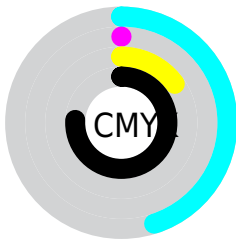
Distribution



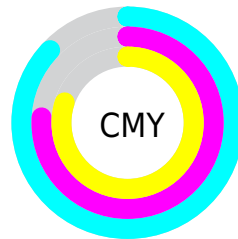
- Red (13%)
- Green (24%)
- Blue (20%)



- Red (13%)
- Yellow (19%)
- Blue (24%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (76%)



- Cyan (87%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213C33 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 213C33 by changing the saturation by 10% instead.

■ 213C33

■ 213C33

FFFFFF

■ 0B261E

■ 4F6B61

■ 001205

■ 67857A

■ 000000

■ 819F94

■ 9BBAAE

■ B6D6CA

■ D2F2E6

■ EEEFFF

■ 213C33

■ 213C33

■ 1B3C31

■ 273C35

■ 153C2F

■ 2D3C37

■ 0F3C2D

■ 333C39

■ 093C2B

■ 393C3B

■ 033C29

■ 3F3C3D

■ 003C28

■ 453C3F

■ 4B3C41

■ 513C43

■ 573C45

Harmonies

Analogous

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



2C3B2A



213C33



193C3D

Triad

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



213C33



343649



483228

Complementary

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



213C33



3C212A

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.



4A3031



213C33



403243

Square

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



213C33



25394A



48303B



413524

Rectangle

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



213C33



193C43



48303B



49312B

Sweetspot

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



213C33



444F4B



2A3C21



222926



A8A8A8



292929

Same Dimension

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



213C33



244F41



21373C



1C1F1E



005E3F



00DE94

Inverse Universe

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



3C212A



4F2433



3C2521



1F1C1D



5E001F



DE004A

Previews

White Background



This preview shows how the Hex color 213C33 looks on a white background.

Color Contrast Check

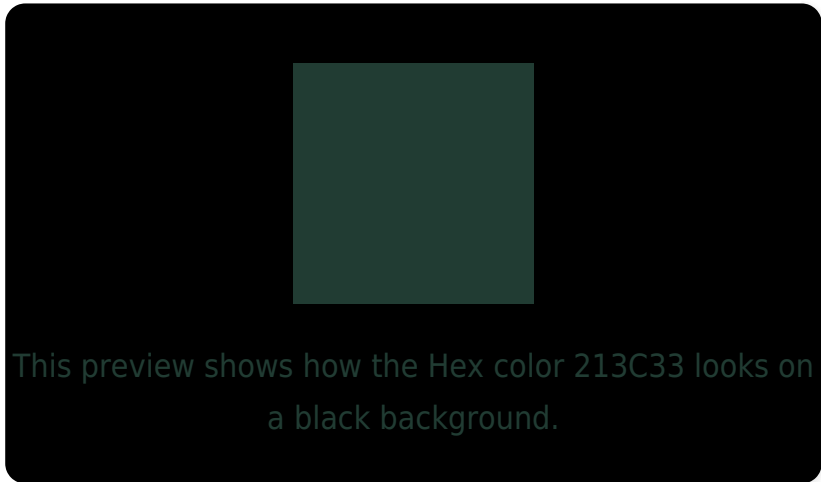
Large Text (above 18pt) WCAG AA ✓ Pass

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

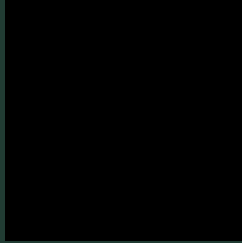
Any Text WCAG AA × Fail

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 213C33 Background



This preview shows how black text looks on a background with the Hex color 213C33.



This preview shows how white text looks on a background with the Hex color 213C33.

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
213C33

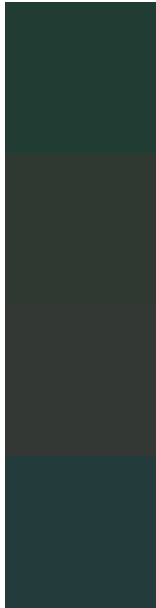
Protanopia
393730

Deuteranopia
3D3535



Tritanopia
243A3F

Trichromacy



Original Color
213C33

Protanomaly
303931

Deuteranomaly
333834

Tritanomaly
233B3B

Monochromacy



Original Color
213C33

Achromatopsia
333333

Achromatomaly
2C3633

CSS Examples

Text

The CSS property to change the color of the text to Hex 213C33 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 #213C33 looks like.

```
.text, #text, p{  
    color:#213C33  
}
```

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 #213C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213C33
}
```

Border

The CSS property to change the border of an element to Hex 213C33 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
#213C33 }
```

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

```
.border{ border-color:#213C33 }
```

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

Here you see how a box with a 4 pixel #213C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213C33; -webkit-box-shadow:4px 4px  
4px 4px #213C33; box-shadow:4px 4px 4px  
4px #213C33 }
```

Background

The CSS property to change the background color of an element to Hex 213C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213C33 }
```

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

```
.background{ background-color:#213C33 }
```

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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