

Converting Colors

Hex(213342)

Have a look what the booklet for
Hex(213342) contains.

Hex(213342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(213342)

Conversions

Conversions Part 1

Format	Color
Hex	213342
RGB	33, 51, 66
RGB Percent	13%, 20%, 26%
CMY	0.8706, 0.8000, 0.7412
CMYK	0.50, 0.23, 0.00, 0.74
HSL	207°, 33%, 19%
HSV	207°, 50%, 26%
XYZ	2.7944, 3.0843, 5.6023
YIQ	47.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

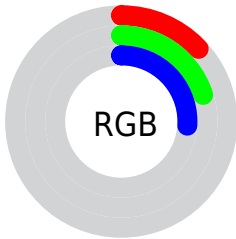
Format	Color
R_{YB}	33, 45, 66
Decimal	2175810
CIE Lab	20.38, -2.48, -11.67
CIE LCh	20, 11.927, 257.975
Yxy	3.0843, 0.2434, 0.2686
Android (android.graphics.Color)	4280365890 (0xFF213342)
YUV	47.3280, 9.2053, -12.5657
Hunter-Lab	17.5623, -2.3322, -6.6197

Details

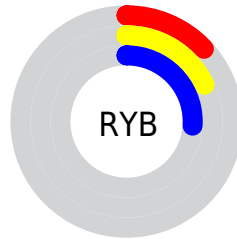
The Hex color **213342** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423021**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4F6172**, and **000418** is the 20% darker color. If you saturate the color by 10%, you get **1A3042**, and if you desaturate by 10%, it is **283642**.

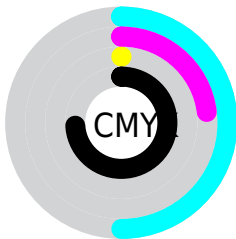
Distribution



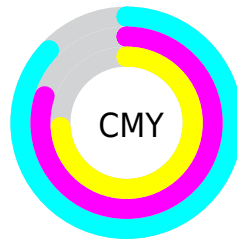
- Red (13%)
- Green (20%)
- Blue (26%)



- Red (13%)
- Yellow (18%)
- Blue (26%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (74%)



- Cyan (87%)
- Magenta (80%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213342 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 213342 by changing the saturation by 10% instead.

■ 213342

■ 213342

FFFFFF

■ 0A1E2C

■ 4F6172

■ 000418

■ 687A8B

■ 000000

■ 8194A6

■ 9CAEC1

■ B7CADD

■ D2E6F9

■ EFFFFFF

■ 213342

■ 213342

■ 1A3042

■ 283642

■ 142D42

■ 2E3942

■ 0D2A42

■ 353C42

■ 072742

■ 3B3F42

■ 002442

■ 424242

■ 494542

■ 4F4842

■ 564B42

■ 5C4E42

Harmonies

Analogous

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



18353E



213342



2E3042

Triad

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



213342



432B2C



283425

Complementary

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



213342



423021

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.



323220



213342



412D25

Square

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



213342



402B35



3B2F20



1E362D

Rectangle

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



213342



352E3F



3B2F20



2B3423

Sweetspot

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



213342



4A5157



214230



24282B



ABABAB



2B2B2B

Same Dimension

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



213342



233F57



212342



1E2021



003561



007AE0

Inverse Universe

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



422133



57233F



424021



211E20



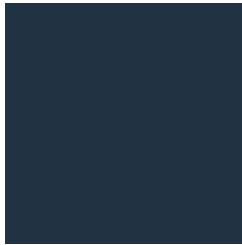
610035



E0007A

Previews

White Background



This preview shows how the Hex color 213342 looks on a white background.

Color Contrast Check

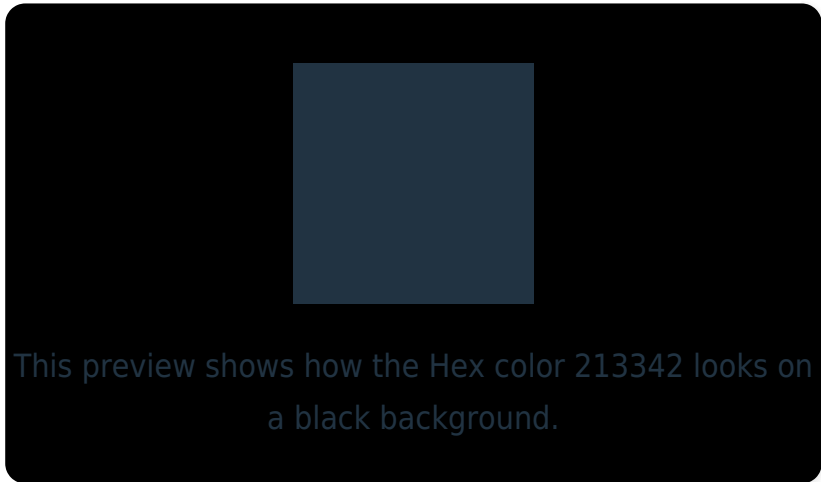
Large Text (above 18pt) WCAG AA ✓ Pass

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

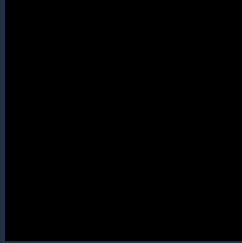
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

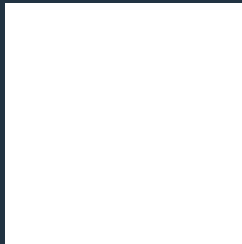
Any Text WCAG AAA × Fail

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

Hex 213342 Background



This preview shows how black text looks on a background with the Hex color 213342.



This preview shows how white text looks on a background with the Hex color 213342.

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
213342

Protanopia
2D3040

Deuteranopia
2C3043



Tritanopia
1E3539

Trichromacy



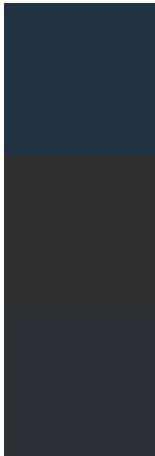
Original Color
213342

Protanomaly
293141

Deuteranomaly
283143

Tritanomaly
1F343C

Monochromacy



Original Color
213342

Achromatopsia
2F2F2F

Achromatomaly
2A3036

CSS Examples

Text

The CSS property to change the color of the text to Hex 213342 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 #213342 looks like.

```
.text, #text, p{  
    color:#213342  
}
```

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 #213342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213342
}
```

Border

The CSS property to change the border of an element to Hex 213342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

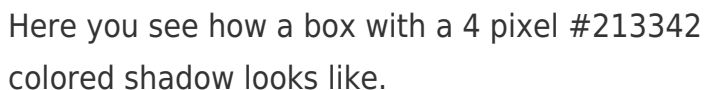
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213342 }
```

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

```
.border{ border-color:#213342 }
```

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



Here you see how a box with a 4 pixel #213342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213342; -webkit-box-shadow:4px 4px  
4px 4px #213342; box-shadow:4px 4px 4px  
4px #213342 }
```

Background

The CSS property to change the background color of an element to Hex 213342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213342 }
```

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

```
.background{ background-color:#213342 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor