

Converting Colors

Hex(213967)

Have a look what the booklet for
Hex(213967) contains.

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Color

Hex(213967)

Conversions

Conversions Part 1

Format	Color
Hex	213967
RGB	33, 57, 103
RGB Percent	13%, 22%, 40%
CMY	0.8706, 0.7765, 0.5961
CMYK	0.68, 0.45, 0.00, 0.60
HSL	219°, 51%, 27%
HSV	219°, 68%, 40%
XYZ	4.5385, 4.2289, 13.4090
YIQ	55.0680, -29.0700, 9.2180

Conversions

Conversions Part 2

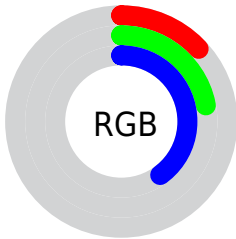
Format	Color
R _Y B	33, 51, 103
Decimal	2177383
CIE Lab	24.41, 7.20, -29.82
CIE LCh	24, 30.681, 283.568
Yxy	4.2289, 0.2047, 0.1907
Android (android.graphics.Color)	4280367463 (0xFF213967)
YUV	55.0680, 23.6305, -19.3536
Hunter-Lab	20.5642, 3.4075, -24.2655




Details

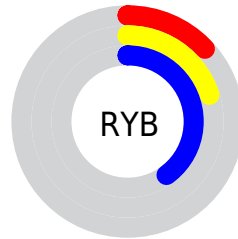
The Hex color **213967** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **674F21**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **55689A**, and **000E38** is the 20% darker color. If you saturate the color by 10%, you get **173267**, and if you desaturate by 10%, it is **2B4067**.

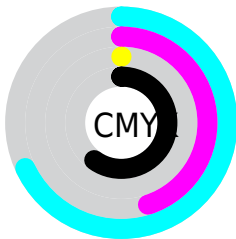
Distribution







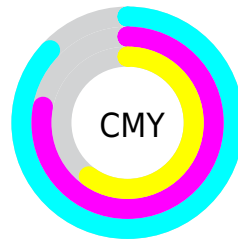
-  Red (13%)
-  Green (22%)
-  Blue (40%)






-  Red (13%)
-  Yellow (20%)
-  Blue (40%)



-  Cyan (68%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (78%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213967 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 213967 by changing the saturation by 10% instead.

■ 213967

■ 213967

FFFFFF

■ 00244F

■ 55689A

■ 000E38

■ 7081B5

■ 000222

■ 8A9BD1

■ 000007

■ A5B5EE

■ 000000

■ C1D1FF

■ DEEDFF

■ FBFFFF

■ 213967

■ 213967

■ 173267

■ 2B4067

■ 0C2B67

■ 364767

■ 022567

■ 404D67

■ 002367

■ 4A5467

■ 555B67

■ 5F6267

■ 696867

■ 736F67

■ 7E7667

Harmonies

Analogous

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



004066



213967



492F5C

Triad

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



213967



5F2B1B



00442C

Complementary

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



213967



674F21

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.



224116



213967



51340B

Square

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



213967



642530



3C3C08



004544

Rectangle

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



213967



58294F



3C3C08



034424

Sweetspot

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



213967



6C7587



21674E



343A45



C4C4C4



454545

Same Dimension

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



213967



183E87



2C2167



2E3033



002773



0053F2

Inverse Universe

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



672139



87183E



5D6721



332E30



730027



F20053

Previews

White Background



This preview shows how the Hex color 213967 looks on a white background.

Color Contrast Check

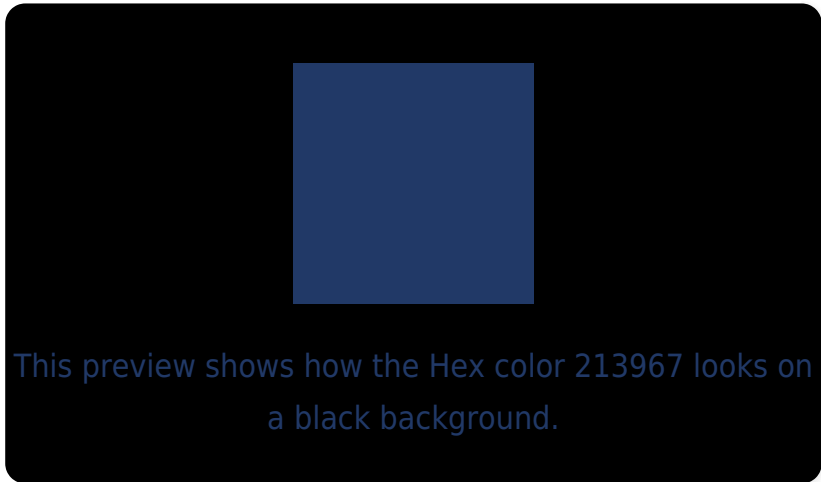
Large Text (above 18pt) WCAG AA ✓ Pass

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

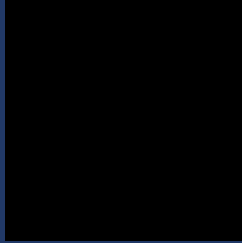
Any Text WCAG AA × Fail

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 213967 Background



This preview shows how black text looks on a background with the Hex color 213967.



This preview shows how white text looks on a background with the Hex color 213967.

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
213967

Protanopia
253866

Deuteranopia
123B67

Trichromacy



Original Color
213967

Protanomaly
243866

Deuteranomaly
173A67

Tritanomaly
0C3D52

Monochromacy



Original Color
213967

Achromatopsia
373737

Achromatomaly
2F3848

CSS Examples

Text

The CSS property to change the color of the text to Hex 213967 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 #213967 looks like.

```
.text, #text, p{  
    color:#213967  
}
```

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 #213967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213967
}
```

Border

The CSS property to change the border of an element to Hex 213967 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
#213967 }
```

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

```
.border{ border-color:#213967 }
```

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

Here you see how a box with a 4 pixel #213967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213967; -webkit-box-shadow:4px 4px  
4px 4px #213967; box-shadow:4px 4px 4px  
4px #213967 }
```

Background

The CSS property to change the background color of an element to Hex 213967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213967 }
```

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

```
.background{ background-color:#213967 }
```

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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