

Converting Colors

Hex(213964)

Have a look what the booklet for
Hex(213964) contains.

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Color

Hex(213964)

Conversions

Conversions Part 1

Format	Color
Hex	213964
RGB	33, 57, 100
RGB Percent	13%, 22%, 39%
CMY	0.8706, 0.7765, 0.6078
CMYK	0.67, 0.43, 0.00, 0.61
HSL	219°, 50%, 26%
HSV	219°, 67%, 39%
XYZ	4.3906, 4.1697, 12.6300
YIQ	54.7260, -28.1070, 8.2850

Conversions

Conversions Part 2

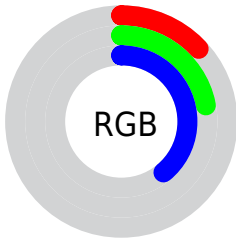
Format	Color
R_{YB}	33, 51, 100
Decimal	2177380
CIE Lab	24.22, 6.02, -28.19
CIE LCh	24, 28.822, 282.059
Yxy	4.1697, 0.2072, 0.1968
Android (android.graphics.Color)	4280367460 (0xFF213964)
YUV	54.7260, 22.3201, -19.0537
Hunter-Lab	20.4198, 2.6456, -22.3780

Details

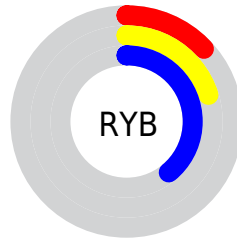
The Hex color **213964** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **644C21**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **556897**, and **000E35** is the 20% darker color. If you saturate the color by 10%, you get **173364**, and if you desaturate by 10%, it is **2B3F64**.

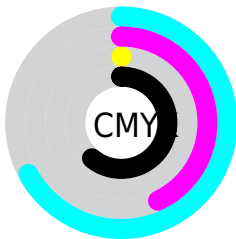
Distribution



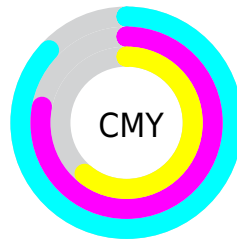
- Red (13%)
- Green (22%)
- Blue (39%)



- Red (13%)
- Yellow (20%)
- Blue (39%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (61%)



- Cyan (87%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213964 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 213964 by changing the saturation by 10% instead.

■ 213964

■ 213964

FFFFFF

■ 00244C

■ 556897

■ 000E35

■ 6F81B2

■ 00021F

■ 899BCE

■ 000002

■ A4B5EA

■ 000000

■ C0D1FF

■ DDEDFF

■ FAFFFF

■ 213964

■ 213964

■ 173364

■ 2B3F64

■ 0D2C64

■ 354664

■ 032664

■ 3F4C64

■ 002464

■ 495364

■ 535964

■ 5D6064

■ 676664

■ 716C64

■ 7B7364

Harmonies

Analogous

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



004063



213964



46305A

Triad

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



213964



5D2B1E



00432B

Complementary

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



213964



644C21

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.



254018



213964



50340F

Square

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



213964



612632



3D3B0C



004442

Rectangle

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



213964



552A4E



3D3B0C



0C4324

Sweetspot

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



213964



687182



21644B



323842



C2C2C2



424242

Same Dimension

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



213964



1A3F82



2A2164



2E3033



002973



0057F2

Inverse Universe

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



642139



821A3F



5B6421



332E30



730029



F20057

Previews

White Background



This preview shows how the Hex color 213964 looks on a white background.

Color Contrast Check

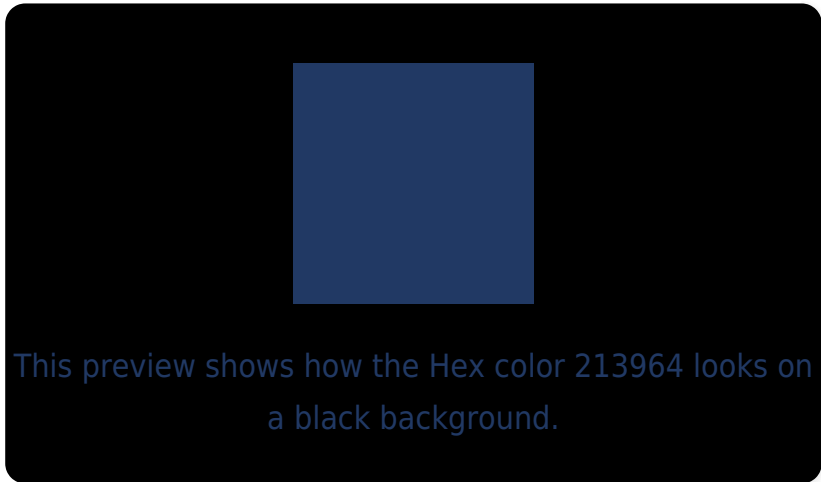
Large Text (above 18pt) WCAG AA ✓ Pass

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

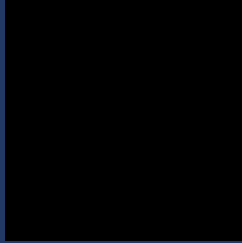
Any Text WCAG AA × Fail

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 213964 Background



This preview shows how black text looks on a background with the Hex color 213964.



This preview shows how white text looks on a background with the Hex color 213964.

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
213964

Protanopia
273863

Deuteranopia
183A64



Tritanopia
0A4045

Trichromacy



Original Color
213964

Protanomaly
253863

Deuteranomaly
1B3A64

Tritanomaly
123D50

Monochromacy



Original Color
213964

Achromatopsia
373737

Achromatomaly
2F3847

CSS Examples

Text

The CSS property to change the color of the text to Hex 213964 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 #213964 looks like.

```
.text, #text, p{  
    color:#213964  
}
```

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 #213964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213964
}
```

Border

The CSS property to change the border of an element to Hex 213964 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".

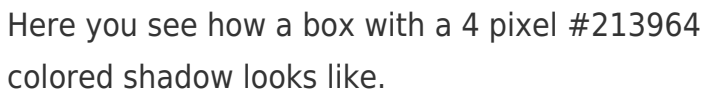
```
.border, #border, table{ border:4px solid
#213964 }
```

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

```
.border{ border-color:#213964 }
```

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

Here you see how a box with a 4 pixel #213964 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213964; -webkit-box-shadow:4px 4px  
4px 4px #213964; box-shadow:4px 4px 4px  
4px #213964 }
```

Background

The CSS property to change the background color of an element to Hex 213964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213964 }
```

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

```
.background{ background-color:#213964 }
```

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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