

# Converting Colors

Hex(14213C)

Have a look what the booklet for  
Hex(14213C) contains.

<b>Hex(14213C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(14213C)

# Conversions

## Conversions Part 1

Format	Color
Hex	14213C
RGB	20, 33, 60
RGB Percent	8%, 13%, 24%
CMY	0.9216, 0.8706, 0.7647
CMYK	0.67, 0.45, 0.00, 0.76
HSL	220°, 50%, 16%
HSV	220°, 67%, 24%
XYZ	1.6480, 1.5627, 4.4897
YIQ	32.1910, -16.4150, 5.6410

# Conversions

## Conversions Part 2

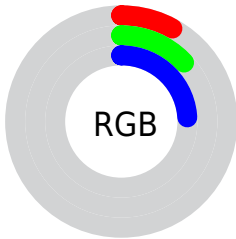
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 30, 60
Decimal	1319228
CIE <sub>Lab</sub>	13.00, 4.41, -19.09
CIE <sub>LCh</sub>	13, 19.596, 282.996
Yxy	1.5627, 0.2140, 0.2029
Android (android.graphics.Color)	4279509308 (0xFF14213C)
YUV	32.1910, 13.7098, -10.6915
Hunter-Lab	12.5007, 1.6552, -12.5440

# Details

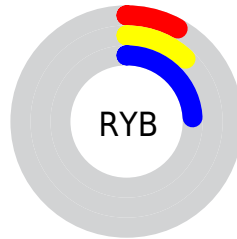
The Hex color **14213C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3C2F14**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **434D6C**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **0E1D3C**, and if you desaturate by 10%, it is **1A253C**.

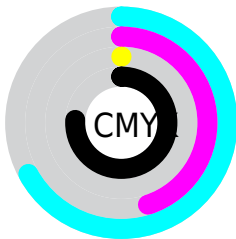
# Distribution



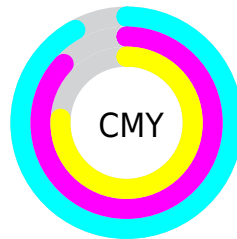
- Red (8%)
- Green (13%)
- Blue (24%)



- Red (8%)
- Yellow (12%)
- Blue (24%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)
- Black (76%)



- Cyan (92%)
- Magenta (87%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14213C 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 14213C by changing the saturation by 10% instead.



■ 14213C

■ 14213C

FEFFFF

■ 000A26

■ 434D6C

■ 000110

■ 5B6585

■ 000000

■ 747E9F

■ 8E97BA

■ A9B2D6

■ C5CEF2

■ E1EAF2

■ 14213C

■ 14213C

■ 0E1D3C

■ 1A253C

■ 08193C

■ 20293C

■ 02153C

■ 262D3C

■ 00133C

■ 2C313C

■ 32353C

■ 38393C

■ 3E3D3C

■ 44413C

■ 4A453C

# Harmonies

## Analogous

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



00253B



14213C



2A1C35

# Triad

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



14213C



38190F



002819

# Complementary

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



14213C



3C2F14

# 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.



15260B



14213C



301E02

# Square

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



14213C



3B161C



242300



002827

# Rectangle

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



14213C



33182E



242300



062715



# Sweetspot

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



14213C



3F444F



143C2F



1F2229



A8A8A8



292929



# Same Dimension

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



14213C



10244F



1B143C



1C1D1F



001F5E



0048DE



# Inverse Universe

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



3C1421



4F1024



353C14



1F1C1D



5E001F



DE0048



# Previews

## White Background



This preview shows how the Hex color 14213C looks on a white background.

## Color Contrast Check

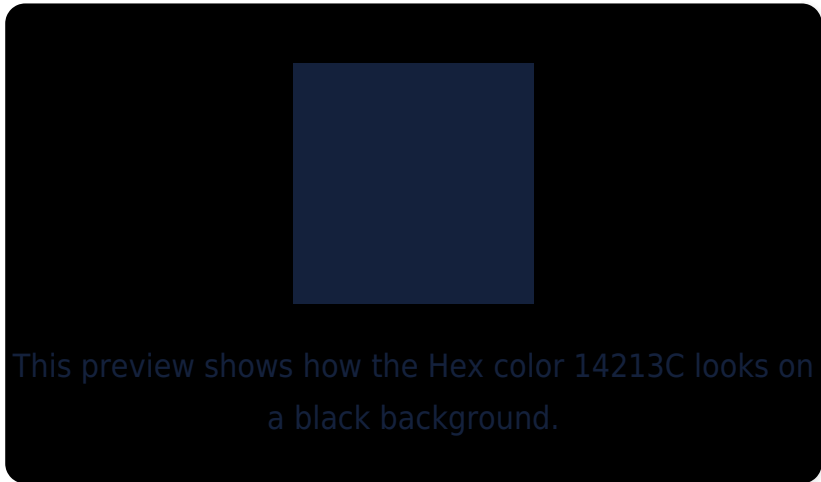
Large Text (above 18pt) WCAG AA ✓ Pass

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

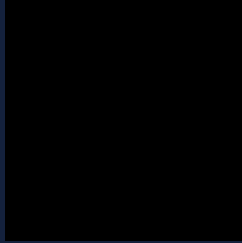
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 14213C Background



This preview shows how black text looks on a background with the Hex color 14213C.



This preview shows how white text looks on a background with the Hex color 14213C.

# 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**  
14213C

**Protanopia**  
15213C

**Deuteranopia**  
0A223C



**Tritanopia**  
052528

# Trichromacy



**Original Color**  
14213C

**Protanomaly**  
15213C

**Deuteranomaly**  
0E223C

**Tritanomaly**  
0A242F

# Monochromacy



**Original Color**  
14213C

**Achromatopsia**  
202020

**Achromatomaly**  
1C202A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14213C 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 #14213C looks like.

```
.text, #text, p{  
    color:#14213C  
}
```

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 #14213C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14213C
}
```

## Border

The CSS property to change the border of an element to Hex 14213C is called "border". The border property can be set on classes, ids or directly on the HTML element.

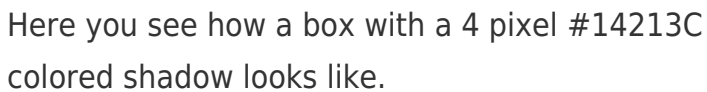
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#14213C }
```

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

```
.border{ border-color:#14213C }
```

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



Here you see how a box with a 4 pixel #14213C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14213C; -webkit-box-shadow:4px 4px  
4px 4px #14213C; box-shadow:4px 4px 4px  
4px #14213C }
```

# Background

The CSS property to change the background color of an element to Hex 14213C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14213C }
```

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

```
.background{ background-color:#14213C }
```

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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