

Converting Colors

Hex(15213C)

Have a look what the booklet for
Hex(15213C) contains.

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Color

Hex(15213C)

Conversions

Conversions Part 1

Format	Color
Hex	15213C
RGB	21, 33, 60
RGB Percent	8%, 13%, 24%
CMY	0.9176, 0.8706, 0.7647
CMYK	0.65, 0.45, 0.00, 0.76
HSL	222°, 48%, 16%
HSV	222°, 65%, 24%
XYZ	1.6687, 1.5734, 4.4907
YIQ	32.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

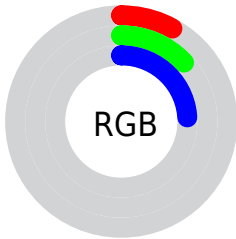
Format	Color
RYB	21, 30, 60
Decimal	1384764
CIELab	13.07, 4.66, -18.98
CIELCh	13, 19.549, 283.800
Yxy	1.5734, 0.2158, 0.2035
Android (android.graphics.Color)	4279574844 (0xFF15213C)
YUV	32.4900, 13.5624, -10.0767
Hunter-Lab	12.5435, 1.7958, -12.4461

Details

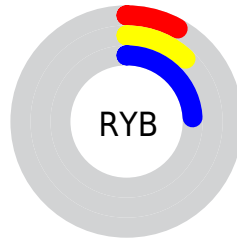
The Hex color **15213C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3C3015**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **444D6C**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **0F1D3C**, and if you desaturate by 10%, it is **1B253C**.

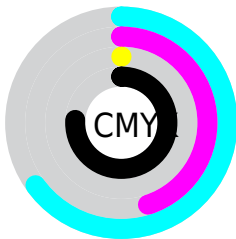
Distribution



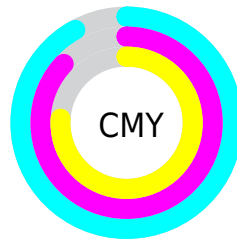
- Red (8%)
- Green (13%)
- Blue (24%)



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



- Cyan (65%)
- Magenta (45%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 15213C 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 15213C by changing the saturation by 10% instead.

■ 15213C

■ 15213C

FEFFFF

■ 000A26

■ 444D6C

■ 000110

■ 5C6585

■ 000000

■ 757E9F

■ 8F97BA

■ AAB2D6

■ C5CEF2

■ E2EAFF

■ 15213C

■ 15213C

■ 0F1D3C

■ 1B253C

■ 09193C

■ 21293C

■ 03153C

■ 272D3C

■ 00123C

■ 2D323C

■ 33363C

■ 393A3C

■ 3F3E3C

■ 45423C

■ 4B463C

Harmonies

Analogous

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



00253C



15213C



2B1C35

Triad

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



15213C



38190F



00281A

Complementary

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



15213C



3C3015

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.



15260C



15213C



301E02

Square

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



15213C



3B161C



242301



002828

Rectangle

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



15213C



34182E



242301



062715

Sweetspot

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



15213C



3F444F



153C30



1F2229



A8A8A8



292929

Same Dimension

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



15213C



11244F



1C153C



1C1C1F



001D5E



0044DE

Inverse Universe

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



3C1521



4F1124



353C15



1F1C1C



5E001D



DE0044

Previews

White Background



This preview shows how the Hex color 15213C looks on a white background.

Color Contrast Check

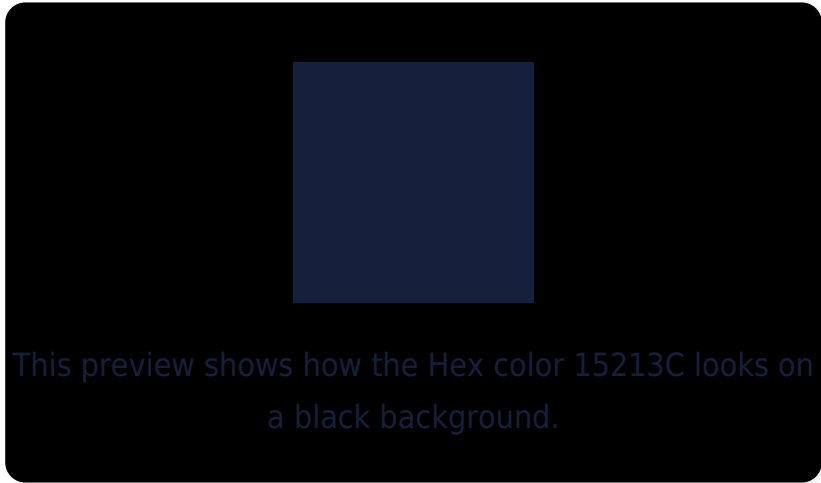
Large Text (above 18pt) WCAG AA ✓ Pass

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

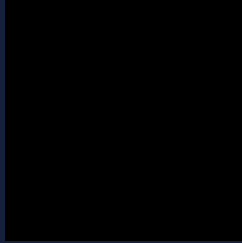
Any Text WCAG AA × Fail

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 15213C Background



This preview shows how black text looks on a background with the Hex color 15213C.



This preview shows how white text looks on a background with the Hex color 15213C.

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
15213C

Protanopia
15213C

Deuteranopia
0B223C

Trichromacy



Original Color
15213C

Protanomaly
15213C

Deuteranomaly
0F223C

Tritanomaly
0D242F

Monochromacy



Original Color
15213C

Achromatopsia
202020

Achromatomaly
1C202A

CSS Examples

Text

The CSS property to change the color of the text to Hex 15213C 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 #15213C looks like.

```
.text, #text, p{  
    color:#15213C  
}
```

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 #15213C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15213C
}
```

Border

The CSS property to change the border of an element to Hex 15213C is called "border". The border property can be set on classes, ids or directly on the HTML element.

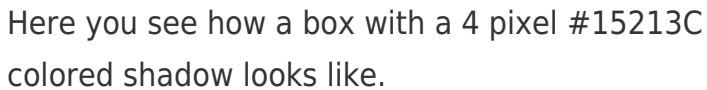
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#15213C }
```

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

```
.border{ border-color:#15213C }
```

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



Here you see how a box with a 4 pixel #15213C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15213C; -webkit-box-shadow:4px 4px  
4px 4px #15213C; box-shadow:4px 4px 4px  
4px #15213C }
```

Background

The CSS property to change the background color of an element to Hex 15213C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15213C }
```

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

```
.background{ background-color:#15213C }
```

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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