

# Converting Colors

Hex(15212C)

Have a look what the booklet for  
Hex(15212C) contains.

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# Color

Hex(15212C)

# Conversions

## Conversions Part 1

Format	Color
Hex	15212C
RGB	21, 33, 44
RGB Percent	8%, 13%, 17%
CMY	0.9176, 0.8706, 0.8275
CMYK	0.52, 0.25, 0.00, 0.83
HSL	209°, 35%, 13%
HSV	209°, 52%, 17%
XYZ	1.3077, 1.4290, 2.5898
YIQ	30.6660, -10.6830, 0.8770

# Conversions

## Conversions Part 2

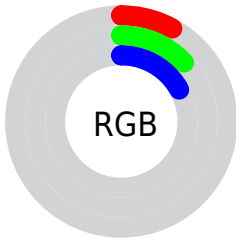
Format	Color
<b>R<sub>YB</sub></b>	21, 29, 44
Decimal	1384748
CIE Lab	12.15, -1.52, -8.98
CIE LCh	12, 9.112, 260.384
Yxy	1.4290, 0.2455, 0.2683
Android (android.graphics.Color)	4279574828 (0xFF15212C)
YUV	30.6660, 6.5737, -8.4771
Hunter-Lab	11.9540, -1.3922, -4.4770

# Details

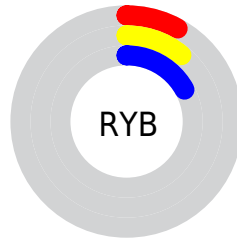
The Hex color **15212C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C2015**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **414D5A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **111F2C**, and if you desaturate by 10%, it is **19232C**.

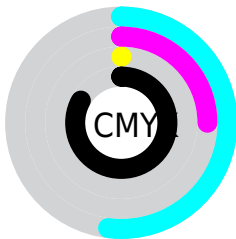
# Distribution



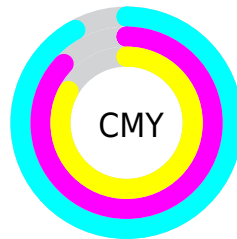
- Red (8%)
- Green (13%)
- Blue (17%)



- Red (8%)
- Yellow (11%)
- Blue (17%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (83%)



- Cyan (92%)
- Magenta (87%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15212C 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 15212C by changing the saturation by 10% instead.



■ 15212C

■ 15212C

■ F9FFFF

■ 000A18

■ 414D5A

■ 000000

■ 596572

■ 717E8C

■ 8B98A6

■ A5B2C1

■ C1CEDD

■ DCEAF9

■ 15212C

■ 15212C

■ 111F2C

■ 19232C

■ 0C1D2C

■ 1E252C

■ 081B2C

■ 22272C

■ 03192C

■ 27292C

■ 00172C

■ 2B2C2C

■ 2F2E2C

■ 34302C

■ 38322C

■ 3D342C

# Harmonies

## Analogous

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



0E2329



15212C



1E1F2B

# Triad

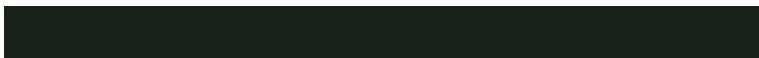
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15212C



2C1B1C



192218

# Complementary

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



15212C



2C2015

# 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.



202114



15212C



2B1D16

# Square

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



15212C



2B1B22



261F13



12231E

# Rectangle

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



15212C



231D29



261F13



1B2216



# Sweetspot

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



15212C



2F3438



152C20



171A1C



9C9C9C



1C1C1C



# Same Dimension

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



15212C



152738



15162C



151617



002D57



0070D6



# Inverse Universe

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



2C1521



381527



2C2B15



171516



57002D

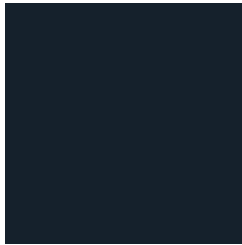


D60070



# Previews

## White Background



This preview shows how the Hex color 15212C 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

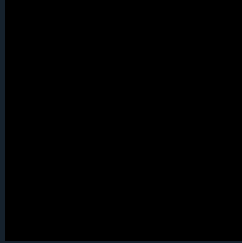
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

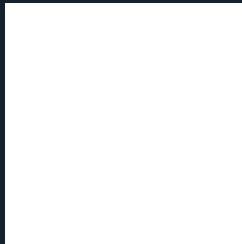
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 15212C Background



This preview shows how black text looks on a background with the Hex color 15212C.



This preview shows how white text looks on a background with the Hex color 15212C.

# 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**  
15212C

**Protanopia**  
1D1F2B

**Deuteranopia**  
1C1F2C



**Tritanopia**  
132225

# Trichromacy



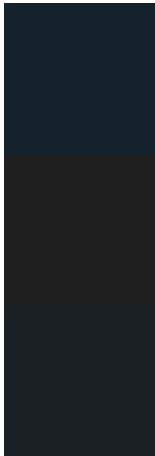
**Original Color**  
15212C

**Protanomaly**  
1A202B

**Deuteranomaly**  
19202C

**Tritanomaly**  
142228

# Monochromacy



**Original Color**  
15212C

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
1B2024

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15212C 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 #15212C looks like.

```
.text, #text, p{  
    color:#15212C  
}
```

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 #15212C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15212C }  
}
```

## Border

The CSS property to change the border of an element to Hex 15212C is called "border". The border property can be set on classes, ids or directly on the HTML element.

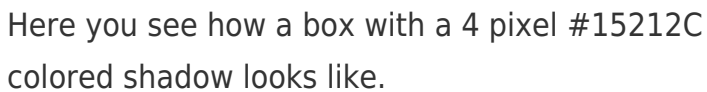
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #15212C }  
}
```

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

```
.border{ border-color:#15212C }
```

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



Here you see how a box with a 4 pixel #15212C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15212C; -webkit-box-shadow:4px 4px  
4px 4px #15212C; box-shadow:4px 4px 4px  
4px #15212C }
```

# Background

The CSS property to change the background color of an element to Hex 15212C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15212C }
```

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

```
.background{ background-color:#15212C }
```

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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