

Converting Colors

Hex(212A39)

Have a look what the booklet for
Hex(212A39) contains.

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Color

Hex(212A39)

Conversions

Conversions Part 1

Format	Color
Hex	212A39
RGB	33, 42, 57
RGB Percent	13%, 16%, 22%
CMY	0.8706, 0.8353, 0.7765
CMYK	0.42, 0.26, 0.00, 0.78
HSL	218°, 27%, 18%
HSV	218°, 42%, 22%
XYZ	2.1937, 2.2747, 4.1943
YIQ	41.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

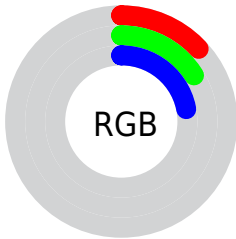
Format	Color
R_{YB}	33, 40, 57
Decimal	2173497
CIE Lab	16.87, 0.69, -10.88
CIE LCh	17, 10.900, 273.622
Yxy	2.2747, 0.2532, 0.2626
Android (android.graphics.Color)	4280363577 (0xFF212A39)
YUV	41.0190, 7.8786, -7.0327
Hunter-Lab	15.0820, -0.4306, -5.9312

Details

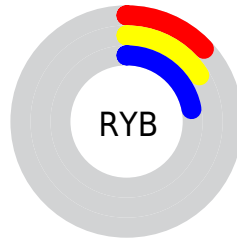
The Hex color **212A39** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393021**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4E5768**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **1B2639**, and if you desaturate by 10%, it is **272E39**.

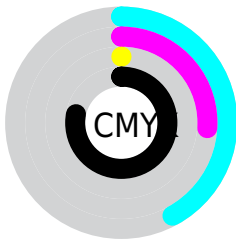
Distribution



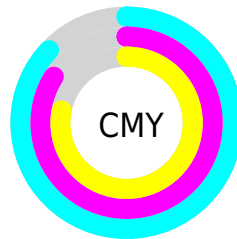
- Red (13%)
- Green (16%)
- Blue (22%)



- Red (13%)
- Yellow (16%)
- Blue (22%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (78%)



- Cyan (87%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212A39 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 212A39 by changing the saturation by 10% instead.

■ 212A39

■ 212A39

FFFFFF

■ 0C1623

■ 4E5768

■ 00010D

■ 666F81

■ 000000

■ 80899B

■ 9AA3B6

■ B5BED2

■ D0DAEE

■ EDF6FF

■ 212A39

■ 212A39

■ 1B2639

■ 272E39

■ 162339

■ 2C3139

■ 101F39

■ 323539

■ 0A1C39

■ 383839

■ 051839

■ 3E3C39

■ 001539

■ 433F39

■ 494339

■ 4F4739

■ 544A39

Harmonies

Analogous

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



162C37



212A39



2C2737

Triad

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



212A39



392521



1D2D22

Complementary

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



212A39



393021

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.



262C1C



212A39



35271C

Square

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



212A39



392429



2E291A



152E2A

Rectangle

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



212A39



322633



2E291A



202D20

Sweetspot

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



212A39



40444A



213930



202226



A6A6A6



262626

Same Dimension

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



212A39



24324A



242139



191A1C



00225C



0052DB

Inverse Universe

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



39212A



4A2432



363921



1C191A



5C0022



DB0052

Previews

White Background



This preview shows how the Hex color 212A39 looks on a white background.

Color Contrast Check

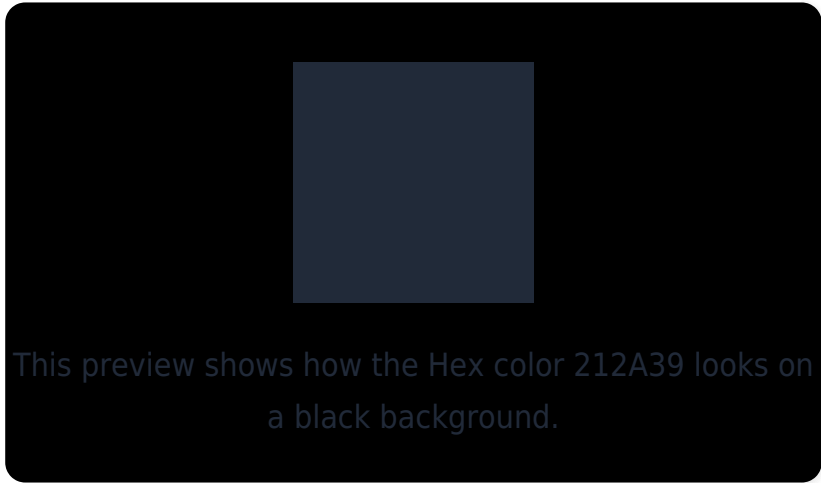
Large Text (above 18pt) WCAG AA ✓ Pass

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

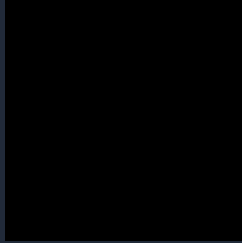
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

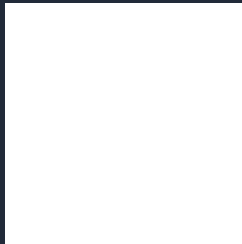
Any Text WCAG AAA × Fail

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

Hex 212A39 Background



This preview shows how black text looks on a background with the Hex color 212A39.



This preview shows how white text looks on a background with the Hex color 212A39.

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
212A39

Protanopia
252938

Deuteranopia
252939



Tritanopia
1E2C2F

Trichromacy



Original Color

212A39

Protanomaly

242938

Deuteranomaly

242939

Tritanomaly

1F2B33

Monochromacy



Original Color

212A39

Achromatopsia

292929

Achromatomaly

26292F

CSS Examples

Text

The CSS property to change the color of the text to Hex 212A39 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 #212A39 looks like.

```
.text, #text, p{  
    color:#212A39  
}
```

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 #212A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212A39
}
```

Border

The CSS property to change the border of an element to Hex 212A39 is called "border". The border property can be set on classes, ids or directly on the HTML element.

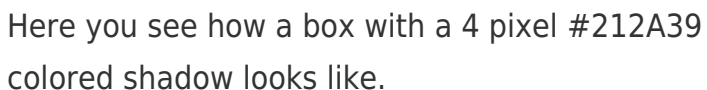
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212A39 }
```

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

```
.border{ border-color:#212A39 }
```

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



Here you see how a box with a 4 pixel #212A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212A39; -webkit-box-shadow:4px 4px  
4px 4px #212A39; box-shadow:4px 4px 4px  
4px #212A39 }
```

Background

The CSS property to change the background color of an element to Hex 212A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212A39 }
```

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

```
.background{ background-color:#212A39 }
```

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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