

Converting Colors

Hex(212431)

Have a look what the booklet for
Hex(212431) contains.

Hex(212431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(212431)

Conversions

Conversions Part 1

Format	Color
Hex	212431
RGB	33, 36, 49
RGB Percent	13%, 14%, 19%
CMY	0.8706, 0.8588, 0.8078
CMYK	0.33, 0.27, 0.00, 0.81
HSL	229°, 20%, 16%
HSV	229°, 33%, 19%
XYZ	1.8125, 1.8068, 3.1590
YIQ	36.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

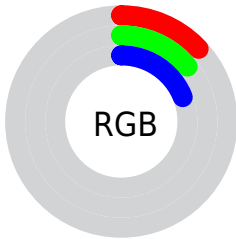
Format	Color
RYB	33, 36, 49
Decimal	2171953
CIELab	14.44, 2.38, -8.97
CIELCh	14, 9.284, 284.846
Yxy	1.8068, 0.2674, 0.2666
Android (android.graphics.Color)	4280362033 (0xFF212431)
YUV	36.5850, 6.1206, -3.1440
Hunter-Lab	13.4419, 0.5450, -4.5244

Details

The Hex color **212431** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312E21**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4E505F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2031**, and if you desaturate by 10%, it is **262831**.

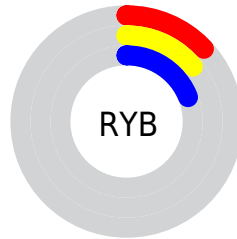
Distribution



Red (13%)

Green (14%)

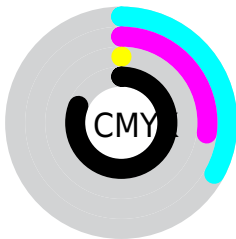
Blue (19%)



Red (13%)

Yellow (14%)

Blue (19%)

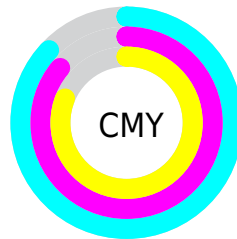


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (81%)



Cyan (87%)

Magenta (86%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212431 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 212431 by changing the saturation by 10% instead.

■ 212431

■ 212431

FFFFFF

■ 0C0F1C

■ 4E505F

■ 000000

■ 666878

■ 7F8292

■ 999CAC

■ B4B6C7

■ CFD2E3

■ EBEEFF

■ 212431

■ 212431

■ 1C2031

■ 262831

■ 171C31

■ 2B2C31

■ 121831

■ 303031

■ 0D1431

■ 353431

■ 091031

■ 3A3831

■ 040C31

■ 3E3C31

■ 000931

■ 434031

■ 484431

■ 4D4831

Harmonies

Analogous

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



182631



212431



29222E

Triad

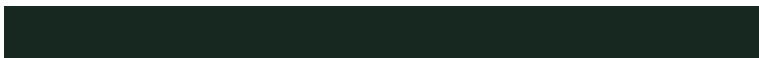
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212431



30211C



172821

Complementary

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



212431



312E21

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.



1F271B



212431



2C2318

Square

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



212431



322021



262518



122828

Rectangle

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



212431



2E212A



262518



1A281F

Sweetspot

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



212431



393B40



21312E



1D1E21



A1A1A1



212121

Same Dimension

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



212431



272C40



262131



17171A



001159



0029D9

Inverse Universe

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



312124



40272C



2C3121



1A1717



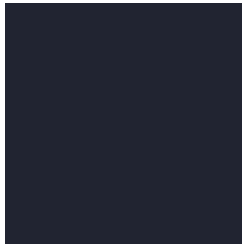
590011



D90029

Previews

White Background



This preview shows how the Hex color 212431 looks on a white background.

Color Contrast Check

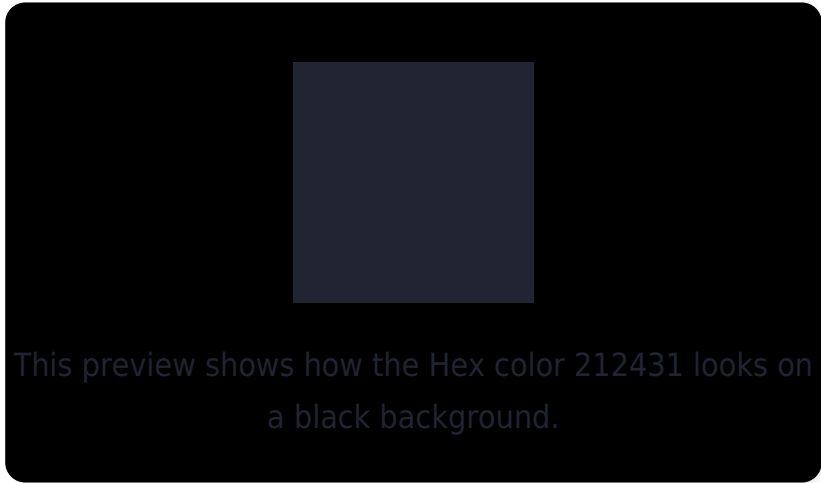
Large Text (above 18pt) WCAG AA ✓ Pass

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

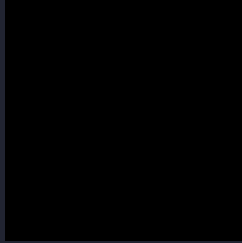
Any Text WCAG AA × Fail

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 212431 Background



This preview shows how black text looks on a background with the Hex color 212431.



This preview shows how white text looks on a background with the Hex color 212431.

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](#).

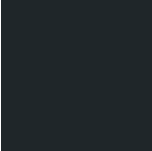
Dichromacy



Original Color
212431

Protanopia
212431

Deuteranopia
212431



Tritanopia
1F2629

Trichromacy



Original Color
212431

Protanomaly
212431

Deuteranomaly
212431

Tritanomaly
20252C

Monochromacy



Original Color
212431

Achromatopsia
252525

Achromatomaly
242529

CSS Examples

Text

The CSS property to change the color of the text to Hex 212431 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 #212431 looks like.

```
.text, #text, p{  
    color:#212431  
}
```

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 #212431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212431
}
```

Border

The CSS property to change the border of an element to Hex 212431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

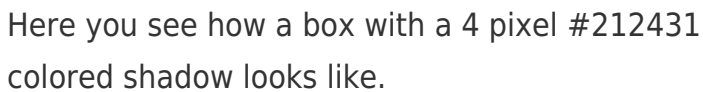
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212431 }
```

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

```
.border{ border-color:#212431 }
```

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



Here you see how a box with a 4 pixel #212431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212431; -webkit-box-shadow:4px 4px  
4px 4px #212431; box-shadow:4px 4px 4px  
4px #212431 }
```

Background

The CSS property to change the background color of an element to Hex 212431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212431 }
```

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

```
.background{ background-color:#212431 }
```

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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