

Converting Colors

Hex(212333)

Have a look what the booklet for
Hex(212333) contains.

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Color

Hex(212333)

Conversions

Conversions Part 1

Format	Color
Hex	212333
RGB	33, 35, 51
RGB Percent	13%, 14%, 20%
CMY	0.8706, 0.8627, 0.8000
CMYK	0.35, 0.31, 0.00, 0.80
HSL	233°, 21%, 16%
HSV	233°, 35%, 20%
XYZ	1.8258, 1.7644, 3.3763
YIQ	36.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

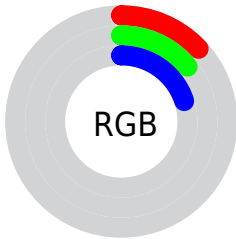
Format	Color
RYB	33, 35, 51
Decimal	2171699
CIELab	14.20, 3.74, -10.77
CIElCh	14, 11.397, 289.157
Yxy	1.7644, 0.2621, 0.2533
Android (android.graphics.Color)	4280361779 (0xFF212333)
YUV	36.2260, 7.2836, -2.8292
Hunter-Lab	13.2831, 1.2895, -5.7722

Details

The Hex color **212333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333121**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4E4F61**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **1C1E33**, and if you desaturate by 10%, it is **262833**.

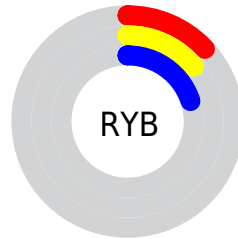
Distribution



Red (13%)

Green (14%)

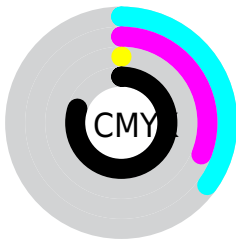
Blue (20%)



Red (13%)

Yellow (14%)

Blue (20%)

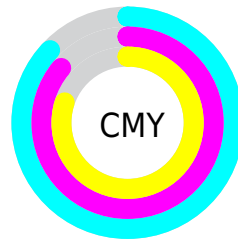


Cyan (35%)

Magenta (31%)

Yellow (0%)

Black (80%)



Cyan (87%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212333 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 212333 by changing the saturation by 10% instead.

■ 212333

■ 212333

FFFFFF

■ 0C0D1E

■ 4E4F61

■ 000002

■ 66677A

■ 000000

■ 7F8094

■ 999AAF

■ B4B5CA

■ CFD1E6

■ ECEDFF

■ 212333

■ 212333

■ 1C1E33

■ 262833

■ 171A33

■ 2B2C33

■ 121533

■ 303133

■ 0D1133

■ 353533

■ 080C33

■ 3B3A33

■ 020833

■ 403E33

■ 000633

■ 454333

■ 4A4733

■ 4F4C33

Harmonies

Analogous

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



152633



212333



2B202E

Triad

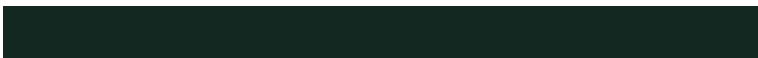
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212333



322018



122821

Complementary

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



212333



333121

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.



1B2719



212333



2C2314

Square

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



212333



341E1F



242515



0A2829

Rectangle

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



212333



301F2A



242515



15281E

Sweetspot

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



212333



3B3C42



213331



1D1D21



A1A1A1



212121

Same Dimension

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



212333



262A42



282133



17171A



000A59



0018D9

Inverse Universe

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



332123



42262A



2C3321



1A1717



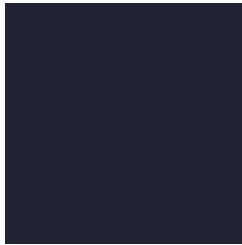
59000A



D90018

Previews

White Background



This preview shows how the Hex color 212333 looks on a white background.

Color Contrast Check

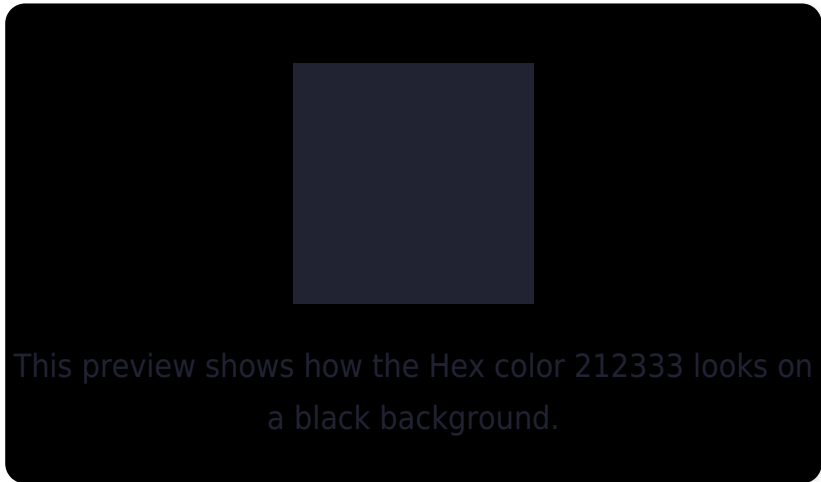
Large Text (above 18pt) WCAG AA ✓ Pass

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

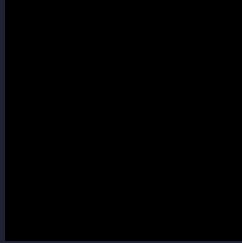
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

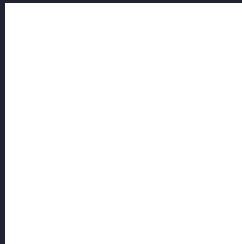
Any Text WCAG AAA × Fail

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

Hex 212333 Background



This preview shows how black text looks on a background with the Hex color 212333.



This preview shows how white text looks on a background with the Hex color 212333.

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
212333

Protanopia
1F2333

Deuteranopia
1F2433



Tritanopia
1F2528

Trichromacy



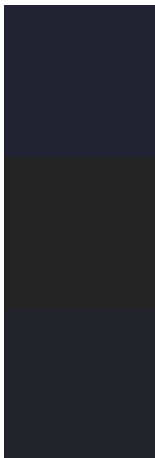
Original Color
212333

Protanomaly
202333

Deuteranomaly
202433

Tritanomaly
20242C

Monochromacy



Original Color
212333

Achromatopsia
242424

Achromatomaly
232429

CSS Examples

Text

The CSS property to change the color of the text to Hex 212333 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 #212333 looks like.

```
.text, #text, p{  
    color:#212333  
}
```

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 #212333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212333
}
```

Border

The CSS property to change the border of an element to Hex 212333 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
#212333 }
```

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

```
.border{ border-color:#212333 }
```

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

Here you see how a box with a 4 pixel #212333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212333; -webkit-box-shadow:4px 4px  
4px 4px #212333; box-shadow:4px 4px 4px  
4px #212333 }
```

Background

The CSS property to change the background color of an element to Hex 212333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212333 }
```

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

```
.background{ background-color:#212333 }
```

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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