

Converting Colors

Hex(212B36)

Have a look what the booklet for
Hex(212B36) contains.

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Color

Hex(212B36)

Conversions

Conversions Part 1

Format	Color
Hex	212B36
RGB	33, 43, 54
RGB Percent	13%, 17%, 21%
CMY	0.8706, 0.8314, 0.7882
CMYK	0.39, 0.20, 0.00, 0.79
HSL	211°, 24%, 17%
HSV	211°, 39%, 21%
XYZ	2.1569, 2.3174, 3.8237
YIQ	41.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

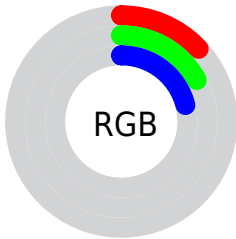
Format	Color
R_{YB}	33, 40, 54
Decimal	2173750
CIE Lab	17.07, -0.99, -8.47
CIE LCh	17, 8.532, 263.315
Yxy	2.3174, 0.2599, 0.2793
Android (android.graphics.Color)	4280363830 (0xFF212B36)
YUV	41.2640, 6.2788, -7.2475
Hunter-Lab	15.2231, -1.3491, -4.2360

Details

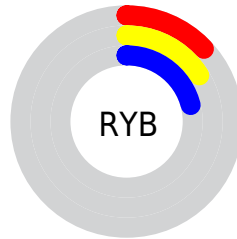
The Hex color **212B36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362C21**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4E5865**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **1C2836**, and if you desaturate by 10%, it is **262E36**.

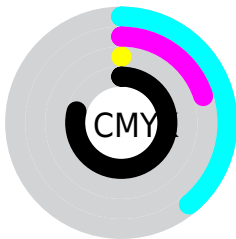
Distribution



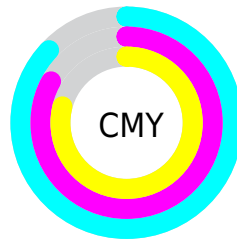
- Red (13%)
- Green (17%)
- Blue (21%)



- Red (13%)
- Yellow (16%)
- Blue (21%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (83%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212B36 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 212B36 by changing the saturation by 10% instead.

■ 212B36

■ 212B36

FFFFFF

■ 0C1721

■ 4E5865

■ 000008

■ 66717E

■ 000000

■ 7F8A98

■ 99A4B2

■ B4BFCE

■ D0DBEA

■ ECF8FF

■ 212B36

■ 212B36

■ 1C2836

■ 262E36

■ 162536

■ 2C3136

■ 112336

■ 313336

■ 0B2036

■ 373636

■ 061D36

■ 3C3936

■ 011A36

■ 413C36

■ 001A36

■ 473F36

■ 4C4236

■ 524436

Harmonies

Analogous

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



1B2D34



212B36



292935

Triad

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



212B36



372625



232D23

Complementary

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



212B36



362C21

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.



2A2B1F



212B36



352720

Square

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



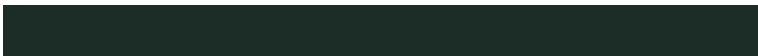
212B36



35262C



30291E



1C2D28

Rectangle

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



212B36



2E2833



30291E



252C21

Sweetspot

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



212B36



3F4347



21362C



1F2124



A3A3A3



242424

Same Dimension

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



212B36



263647



212136



191B1C



002C5C



0068DB

Inverse Universe

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



36212B



472636



363621



1C191B



5C002C



DB0068

Previews

White Background



This preview shows how the Hex color 212B36 looks on a white background.

Color Contrast Check

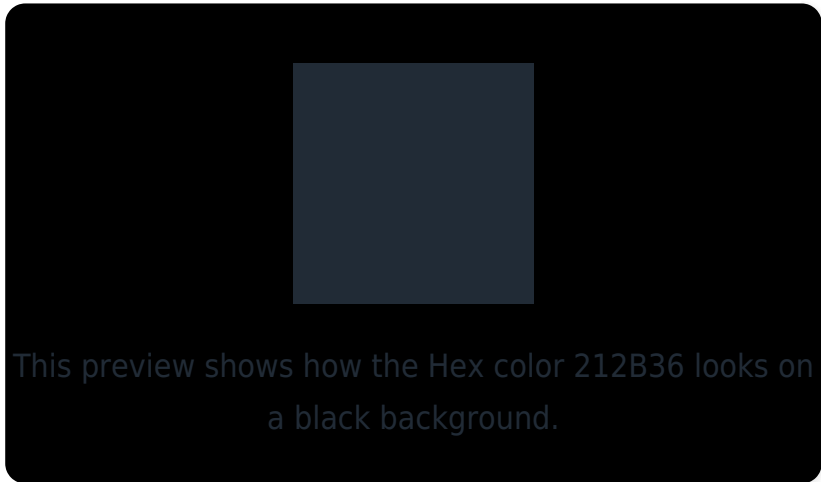
Large Text (above 18pt) WCAG AA ✓ Pass

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

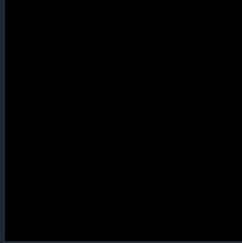
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

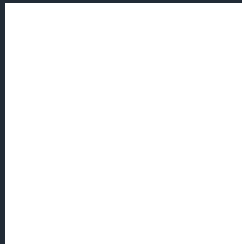
Any Text WCAG AAA × Fail

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

Hex 212B36 Background



This preview shows how black text looks on a background with the Hex color 212B36.



This preview shows how white text looks on a background with the Hex color 212B36.

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
212B36

Protanopia
272A35

Deuteranopia
272936



Tritanopia
1F2C30

Trichromacy



Original Color

212B36

Protanomaly

252A35

Deuteranomaly

252A36

Tritanomaly

202C32

Monochromacy



Original Color

212B36

Achromatopsia

292929

Achromatomaly

262A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 212B36 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 #212B36 looks like.

```
.text, #text, p{  
    color:#212B36  
}
```

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 #212B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212B36
}
```

Border

The CSS property to change the border of an element to Hex 212B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

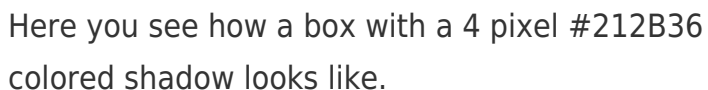
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212B36 }
```

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

```
.border{ border-color:#212B36 }
```

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



Here you see how a box with a 4 pixel #212B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212B36; -webkit-box-shadow:4px 4px  
4px 4px #212B36; box-shadow:4px 4px 4px  
4px #212B36 }
```

Background

The CSS property to change the background color of an element to Hex 212B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212B36 }
```

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

```
.background{ background-color:#212B36 }
```

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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