

Converting Colors

Hex(212F28)

Have a look what the booklet for
Hex(212F28) contains.

Hex(212F28)	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(212F28)

Conversions

Conversions Part 1

Format	Color
Hex	212F28
RGB	33, 47, 40
RGB Percent	13%, 18%, 16%
CMY	0.8706, 0.8157, 0.8431
CMYK	0.30, 0.00, 0.15, 0.82
HSL	150°, 18%, 16%
HSV	150°, 30%, 18%
XYZ	2.0267, 2.5096, 2.3851
YIQ	42.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

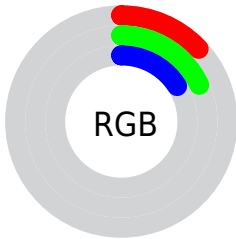
Format	Color
RYB	33, 42, 47
Decimal	2174760
CIELab	17.96, -7.74, 2.60
CIElCh	18, 8.160, 161.457
Yxy	2.5096, 0.2928, 0.3626
Android (android.graphics.Color)	4280364840 (0xFF212F28)
YUV	42.0160, -0.9939, -7.9070
Hunter-Lab	15.8416, -4.8862, 2.1626

Details

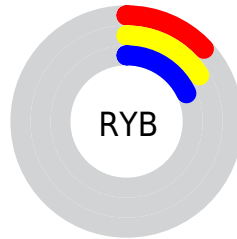
The Hex color **212F28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2128**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4D5D55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2F26**, and if you desaturate by 10%, it is **262F2A**.

Distribution



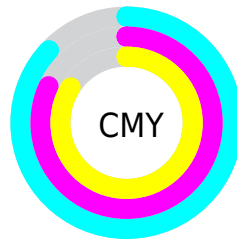
- Red (13%)
- Green (18%)
- Blue (16%)



- Red (13%)
- Yellow (16%)
- Blue (18%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (82%)



- Cyan (87%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212F28 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 212F28 by changing the saturation by 10% instead.



212F28



212F28

FFFFFF



0C1A14



4D5D55



000000



66766D



7F8F87



99AAA1



B3C5BC



CFE1D7



EBFEF4



212F28



212F28

■ 1C2F26

■ 262F2A

■ 182F23

■ 2A2F2D

■ 132F21

■ 2F2F2F

■ 0E2F1F

■ 342F31

■ 0A2F1C

■ 392F34

■ 052F1A

■ 3D2F36

■ 002F18

■ 422F38

■ 002F17

■ 472F3B

■ 4B2F3D

Harmonies

Analogous

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



272E23



212F28



1C2F2E

Triad

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



212F28



282C37



372924

Complementary

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



212F28



2F2128

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.



38282A



212F28



302A35

Square

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



212F28



212E37



352830



342A21

Rectangle

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



212F28



1C2F32



352830



382826

Sweetspot

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



212F28



383D3A



282F21



1B1F1D



9E9E9E



1F1F1F

Same Dimension

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



212F28



273D32



212F2F



151716



00572B



00D66B

Inverse Universe

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



2F2128



3D2732



2F2121



171516



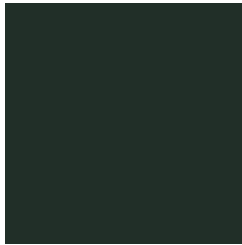
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 212F28 looks on a white background.

Color Contrast Check

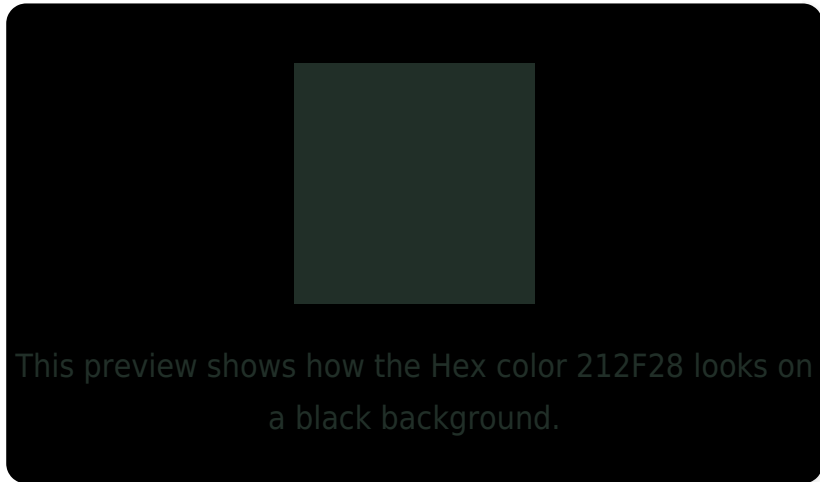
Large Text (above 18pt) WCAG AA ✓ Pass

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

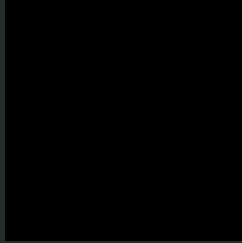
Any Text WCAG AA × Fail

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 212F28 Background



This preview shows how black text looks on a background with the Hex color 212F28.



This preview shows how white text looks on a background with the Hex color 212F28.

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
212F28

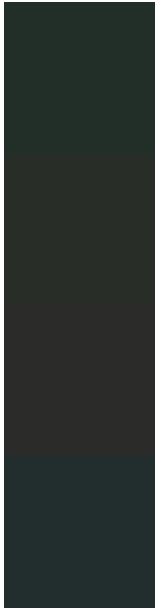
Protanopia
2E2C26

Deuteranopia
312A29



Tritanopia
232E31

Trichromacy



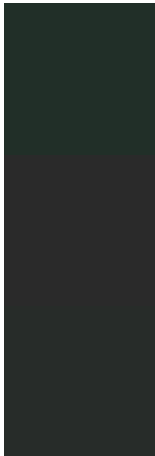
Original Color
212F28

Protanomaly
292D27

Deuteranomaly
2B2C29

Tritanomaly
222E2E

Monochromacy



Original Color
212F28

Achromatopsia
2A2A2A

Achromatomaly
272C29

CSS Examples

Text

The CSS property to change the color of the text to Hex 212F28 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 #212F28 looks like.

```
.text, #text, p{  
    color:#212F28  
}
```

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 #212F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212F28
}
```

Border

The CSS property to change the border of an element to Hex 212F28 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
#212F28 }
```

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

```
.border{ border-color:#212F28 }
```

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

Here you see how a box with a 4 pixel #212F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212F28; -webkit-box-shadow:4px 4px  
4px 4px #212F28; box-shadow:4px 4px 4px  
4px #212F28 }
```

Background

The CSS property to change the background color of an element to Hex 212F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212F28 }
```

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

```
.background{ background-color:#212F28 }
```

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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