

Converting Colors

Hex(212F24)

Have a look what the booklet for
Hex(212F24) contains.

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Color

Hex(212F24)

Conversions

Conversions Part 1

Format	Color
Hex	212F24
RGB	33, 47, 36
RGB Percent	13%, 18%, 14%
CMY	0.8706, 0.8157, 0.8588
CMYK	0.30, 0.00, 0.23, 0.82
HSL	133°, 18%, 16%
HSV	133°, 30%, 18%
XYZ	1.9622, 2.4837, 2.0451
YIQ	41.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

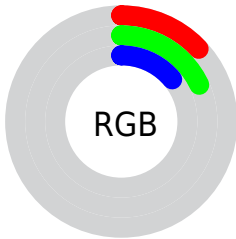
Format	Color
RYB	33, 45, 47
Decimal	2174756
CIELab	17.84, -8.72, 5.19
CIELCh	18, 10.148, 149.242
Yxy	2.4837, 0.3023, 0.3826
Android (android.graphics.Color)	4280364836 (0xFF212F24)
YUV	41.5600, -2.7411, -7.5071
Hunter-Lab	15.7599, -5.3560, 3.3382

Details

The Hex color **212F24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F212C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4D5D50**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2F20**, and if you desaturate by 10%, it is **262F28**.

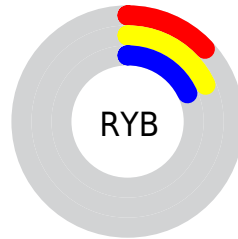
Distribution



Red (13%)

Green (18%)

Blue (14%)



Red (13%)

Yellow (18%)

Blue (18%)

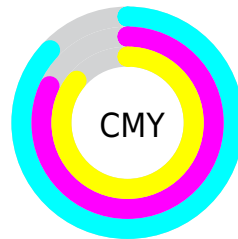


Cyan (30%)

Magenta (0%)

Yellow (23%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212F24 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 212F24 by changing the saturation by 10% instead.

■ 212F24

■ 212F24

FFFFFF

■ 0C1A0F

■ 4D5D50

■ 000000

■ 667669

■ 7F8F82

■ 99AA9C

■ B3C5B7

■ CFE1D2

■ EBFEEE

■ 212F24

■ 212F24

■ 1C2F20

■ 262F28

■ 182F1D

■ 2A2F2B

■ 132F19

■ 2F2F2F

■ 0E2F15

■ 342F33

■ 0A2F12

■ 392F36

■ 052F0E

■ 3D2F3A

■ 002F0A

■ 422F3E

■ 472F42

■ 4B2F45

Harmonies

Analogous

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



292D1F



212F24



1A302B

Triad

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



212F24



222C3A



3A2725

Complementary

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



212F24



2F212C

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.



3A262C



212F24



2D2A38

Square

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



212F24



192E38



352833



37291F

Rectangle

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



212F24



163030



352833



3B2727

Sweetspot

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



212F24



383D39



2C2F21



1B1F1C



9E9E9E



1F1F1F

Same Dimension

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



212F24



273D2C



212F2B



151715



005713



00D62E

Inverse Universe

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



2F212C



3D2738



2F2125



171516



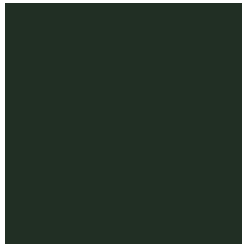
570044



D600A8

Previews

White Background



This preview shows how the Hex color 212F24 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

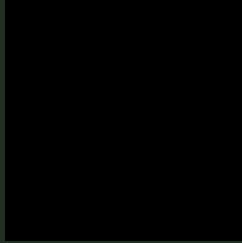
Any Text WCAG AA × Fail

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 212F24 Background



This preview shows how black text looks on a background with the Hex color 212F24.



This preview shows how white text looks on a background with the Hex color 212F24.

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
212F24

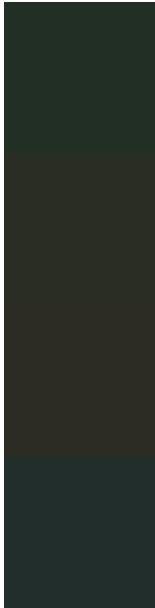
Protanopia
2E2C22

Deuteranopia
322A25



Tritanopia
232D31

Trichromacy



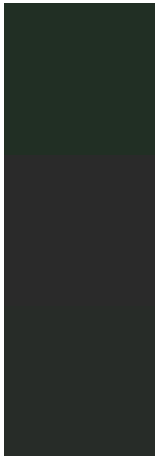
Original Color
212F24

Protanomaly
292D23

Deuteranomaly
2C2C25

Tritanomaly
222E2C

Monochromacy



Original Color
212F24

Achromatopsia
2A2A2A

Achromatomaly
272C28

CSS Examples

Text

The CSS property to change the color of the text to Hex 212F24 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 #212F24 looks like.

```
.text, #text, p{  
    color:#212F24  
}
```

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 #212F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212F24
}
```

Border

The CSS property to change the border of an element to Hex 212F24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

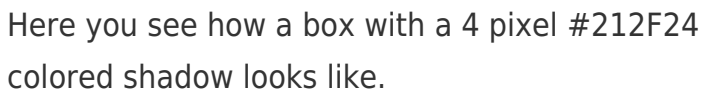
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212F24 }
```

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

```
.border{ border-color:#212F24 }
```

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



Here you see how a box with a 4 pixel #212F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212F24; -webkit-box-shadow:4px 4px  
4px 4px #212F24; box-shadow:4px 4px 4px  
4px #212F24 }
```

Background

The CSS property to change the background color of an element to Hex 212F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212F24 }
```

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

```
.background{ background-color:#212F24 }
```

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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