

Converting Colors

Hex(21252F)

Have a look what the booklet for
Hex(21252F) contains.

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Color

Hex(21252F)

Conversions

Conversions Part 1

Format	Color
Hex	21252F
RGB	33, 37, 47
RGB Percent	13%, 15%, 18%
CMY	0.8706, 0.8549, 0.8157
CMYK	0.30, 0.21, 0.00, 0.82
HSL	223°, 18%, 16%
HSV	223°, 30%, 18%
XYZ	1.8019, 1.8517, 2.9518
YIQ	36.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

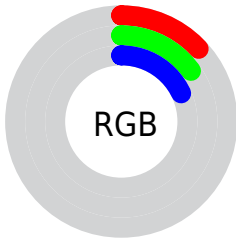
Format	Color
RYB	33, 36, 47
Decimal	2172207
CIELab	14.69, 1.04, -7.17
CIELCh	15, 7.244, 278.260
Yxy	1.8517, 0.2728, 0.2803
Android (android.graphics.Color)	4280362287 (0xFF21252F)
YUV	36.9440, 4.9576, -3.4589
Hunter-Lab	13.6077, -0.1776, -3.3357

Details

The Hex color **21252F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2B21**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4D525D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C222F**, and if you desaturate by 10%, it is **26282F**.

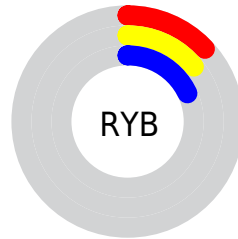
Distribution



Red (13%)

Green (15%)

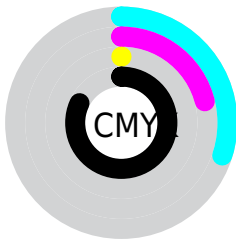
Blue (18%)



Red (13%)

Yellow (14%)

Blue (18%)

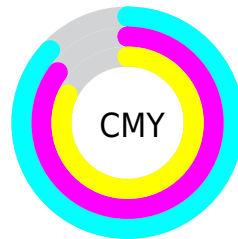


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21252F 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 21252F by changing the saturation by 10% instead.

■ 21252F

■ 21252F

FFFFFF

■ 0B101A

■ 4D525D

■ 000000

■ 656A75

■ 7F838F

■ 989DAA

■ B3B8C5

■ CFD3E1

■ EBF0FD

■ 21252F

■ 21252F

■ 1C222F

■ 26282F

■ 181E2F

■ 2A2C2F

■ 131B2F

■ 2F2F2F

■ 0E182F

■ 34322F

■ 0A142F

■ 39362F

■ 05112F

■ 3D392F

■ 000D2F

■ 423D2F

■ 47402F

■ 4B432F

Harmonies

Analogous

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



1B272E



21252F



28232D

Triad

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



21252F



2F221F



1C2821

Complementary

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



21252F



2F2B21

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.



22271D



21252F



2C231C

Square

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



21252F



2F2124



27251B



182826

Rectangle

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



21252F



2B222A



27251B



1E2720

Sweetspot

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



21252F



38393D



212F2B



1B1C1F



9E9E9E



1F1F1F

Same Dimension

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



21252F



272D3D



24212F



151517



001957



003DD6

Inverse Universe

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



2F2125



3D272D



2C2F21



171515



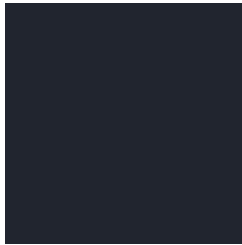
570019



D6003D

Previews

White Background



This preview shows how the Hex color 21252F looks on a white background.

Color Contrast Check

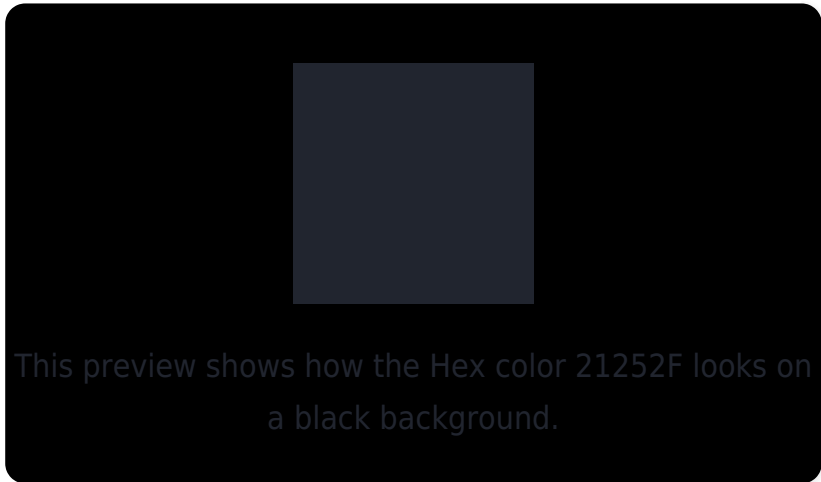
Large Text (above 18pt) WCAG AA ✓ Pass

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

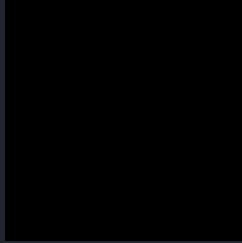
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

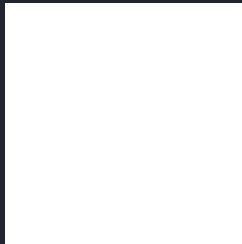
Any Text WCAG AAA × Fail

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

Hex 21252F Background



This preview shows how black text looks on a background with the Hex color 21252F.

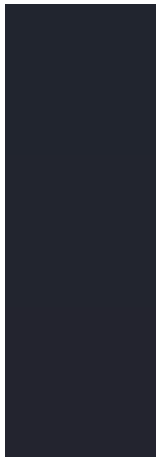


This preview shows how white text looks on a background with the Hex color 21252F.

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

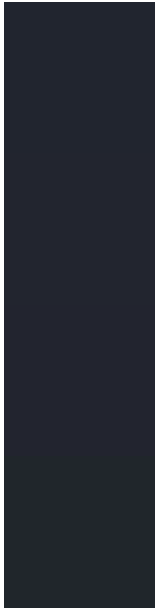


Original Color
21252F

Protanopia
22252F

Deuteranopia
23242F

Trichromacy



Original Color
21252F

Protanomaly
22252F

Deuteranomaly
22242F

Tritanomaly
20262B

Monochromacy



Original Color
21252F

Achromatopsia
252525

Achromatomaly
242529

CSS Examples

Text

The CSS property to change the color of the text to Hex 21252F 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 #21252F looks like.

```
.text, #text, p{  
    color:#21252F  
}
```

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 #21252F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21252F
}
```

Border

The CSS property to change the border of an element to Hex 21252F is called "border". The border property can be set on classes, ids or directly on the HTML element.

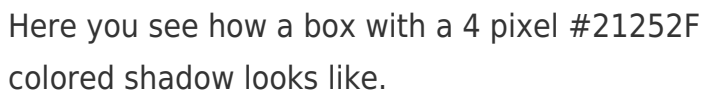
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21252F }
```

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

```
.border{ border-color:#21252F }
```

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



Here you see how a box with a 4 pixel #21252F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21252F; -webkit-box-shadow:4px 4px  
4px 4px #21252F; box-shadow:4px 4px 4px  
4px #21252F }
```

Background

The CSS property to change the background color of an element to Hex 21252F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21252F }
```

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

```
.background{ background-color:#21252F }
```

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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