

Converting Colors

Hex(2A1F2B)

Have a look what the booklet for
Hex(2A1F2B) contains.

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Color

Hex(2A1F2B)

Conversions

Conversions Part 1

Format	Color
Hex	2A1F2B
RGB	42, 31, 43
RGB Percent	16%, 12%, 17%
CMY	0.8353, 0.8784, 0.8314
CMYK	0.02, 0.28, 0.00, 0.83
HSL	295°, 16%, 15%
HSV	295°, 28%, 17%
XYZ	1.8809, 1.6466, 2.5042
YIQ	35.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

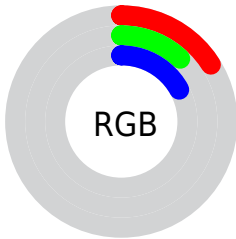
Format	Color
R_{YB}	42, 31, 43
Decimal	2760491
CIE Lab	13.51, 8.04, -5.99
CIE LCh	14, 10.027, 323.282
Yxy	1.6466, 0.3118, 0.2730
Android (android.graphics.Color)	4280950571 (0xFF2A1F2B)
YUV	35.6570, 3.6201, 5.5628
Hunter-Lab	12.8321, 3.7076, -2.5880

Details

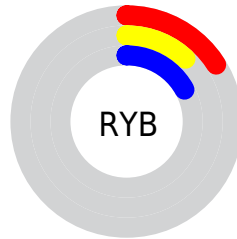
The Hex color **2A1F2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **202B1F**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **574B58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1B2B**, and if you desaturate by 10%, it is **2A232B**.

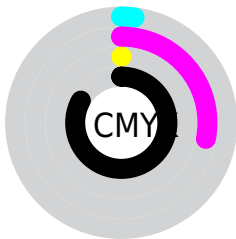
Distribution



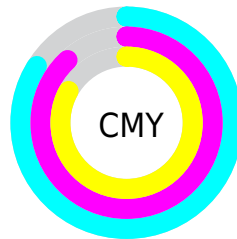
- Red (16%)
- Green (12%)
- Blue (17%)



- Red (16%)
- Yellow (12%)
- Blue (17%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1F2B 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 2A1F2B by changing the saturation by 10% instead.



2A1F2B



2A1F2B

FFFFFF



160717



574B58



000000



706371



897C8A



A495A5



BFB0C0



DBCCDB



F7E8F8



2A1F2B



2A1F2B

■ 2A1B2B

■ 2A232B

■ 29162B

■ 2B282B

■ 29122B

■ 2B2C2B

■ 290E2B

■ 2B302B

■ 28092B

■ 2C352B

■ 28052B

■ 2C392B

■ 27012B

■ 2D3D2B

■ 27002B

■ 2D412B

■ 2D462B

Harmonies

Analogous

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



21212F



2A1F2B



2F1E24

Triad

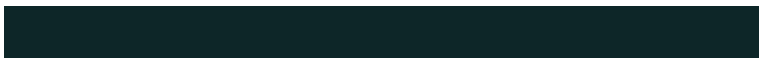
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A1F2B



292215



0D2628

Complementary

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



2A1F2B



202B1F

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.



122621



2A1F2B



222416

Square

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



2A1F2B



2E1F18



1A251A



0F252E

Rectangle

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



2A1F2B



311D20



1A251A



0E2626

Sweetspot

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



2A1F2B



383438



1F202B



1C191C



9C9C9C



1C1C1C

Same Dimension

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



2A1F2B



372638



2B1F26



141214



4D0054



C200D4

Inverse Universe

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



2B1F20



382627



1F2B24



141213



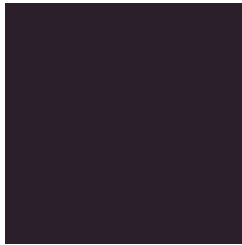
540007



D40012

Previews

White Background



This preview shows how the Hex color 2A1F2B looks on a white background.

Color Contrast Check

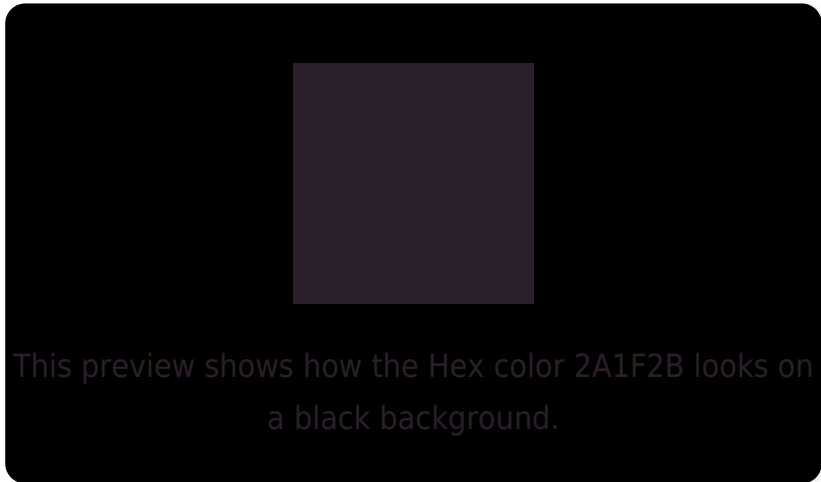
Large Text (above 18pt) WCAG AA ✓ Pass

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

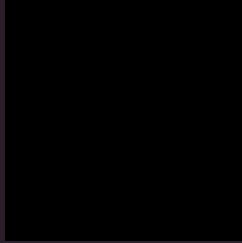
Any Text WCAG AA × Fail

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 2A1F2B Background



This preview shows how black text looks on a background with the Hex color 2A1F2B.



This preview shows how white text looks on a background with the Hex color 2A1F2B.

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
2A1F2B

Protanopia
20222D

Deuteranopia
22222A



Tritanopia
292123

Trichromacy



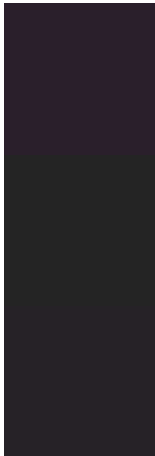
Original Color
2A1F2B

Protanomaly
24212C

Deuteranomaly
25212A

Tritanomaly
292026

Monochromacy



Original Color
2A1F2B

Achromatopsia
242424

Achromatomaly
262227

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1F2B 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 #2A1F2B looks like.

```
.text, #text, p{  
    color:#2A1F2B  
}
```

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 #2A1F2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1F2B
}
```

Border

The CSS property to change the border of an element to Hex 2A1F2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

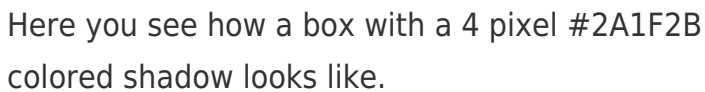
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A1F2B }
```

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

```
.border{ border-color:#2A1F2B }
```

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



Here you see how a box with a 4 pixel #2A1F2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1F2B; -webkit-box-shadow:4px 4px  
4px 4px #2A1F2B; box-shadow:4px 4px 4px  
4px #2A1F2B }
```

Background

The CSS property to change the background color of an element to Hex 2A1F2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1F2B }
```

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

```
.background{ background-color:#2A1F2B }
```

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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