

Converting Colors

Hex(2A1C26)

Have a look what the booklet for
Hex(2A1C26) contains.

Hex(2A1C26)	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(2A1C26)

Conversions

Conversions Part 1

Format	Color
Hex	2A1C26
RGB	42, 28, 38
RGB Percent	16%, 11%, 15%
CMY	0.8353, 0.8902, 0.8510
CMYK	0.00, 0.33, 0.10, 0.84
HSL	317°, 20%, 14%
HSV	317°, 33%, 16%
XYZ	1.7200, 1.4627, 2.0254
YIQ	33.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

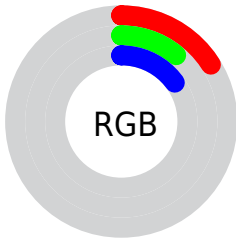
Format	Color
R_{YB}	42, 28, 38
Decimal	2759718
CIE Lab	12.37, 8.99, -4.08
CIE LCh	12, 9.872, 335.586
Yxy	1.4627, 0.3302, 0.2809
Android (android.graphics.Color)	4280949798 (0xFF2A1C26)
YUV	33.3260, 2.3043, 7.6071
Hunter-Lab	12.0942, 4.2203, -1.4633

Details

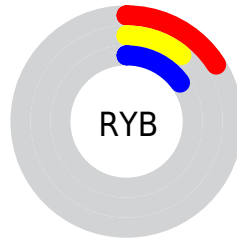
The Hex color **2A1C26** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C2A20**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **584853**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1825**, and if you desaturate by 10%, it is **2A2027**.

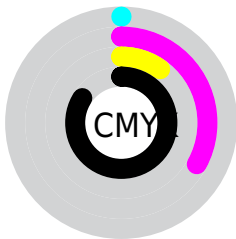
Distribution



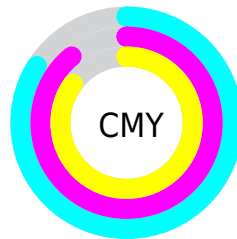
- Red (16%)
- Green (11%)
- Blue (15%)



- Red (16%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (33%)
- Yellow (10%)
- Black (84%)



- Cyan (84%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1C26 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 2A1C26 by changing the saturation by 10% instead.

■ 2A1C26

■ 2A1C26

FFFFFF

■ 170211

■ 584853

■ 000000

■ 705F6B

■ 8A7884

■ A4929E

■ BFACB9

■ DBC8D5

■ F7E4F1

■ 2A1C26

■ 2A1C26

■ 2A1825

■ 2A2027

■ 2A1424

■ 2A2428

■ 2A0F22

■ 2A292A

■ 2A0B21

■ 2A2D2B

■ 2A0720

■ 2A312C

■ 2A031F

■ 2A352D

■ 2A001E

■ 2A392E

■ 2A3E30

■ 2A4231

Harmonies

Analogous

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



231E2B



2A1C26



2E1B1F

Triad

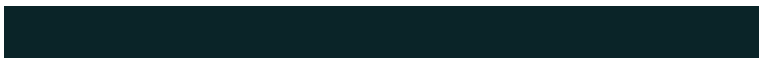
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A1C26



242012



0A2428

Complementary

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



2A1C26



1C2A20

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.



0D2421



2A1C26



1C2215

Square

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



2A1C26



2A1E14



14241A



10222C

Rectangle

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



2A1C26



2E1C1B



14241A



0B2426

Sweetspot

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



2A1C26



363034



201C2A



1C191B



9C9C9C



1C1C1C

Same Dimension

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



2A1C26



36202F



2A1C1F



141214



54003C



D40097

Inverse Universe

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



2A1C26



36202F



1C2A27



141214



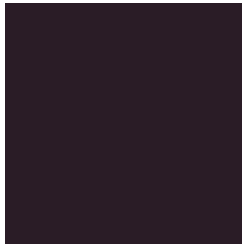
54003C



D40097

Previews

White Background



This preview shows how the Hex color 2A1C26 looks on a white background.

Color Contrast Check

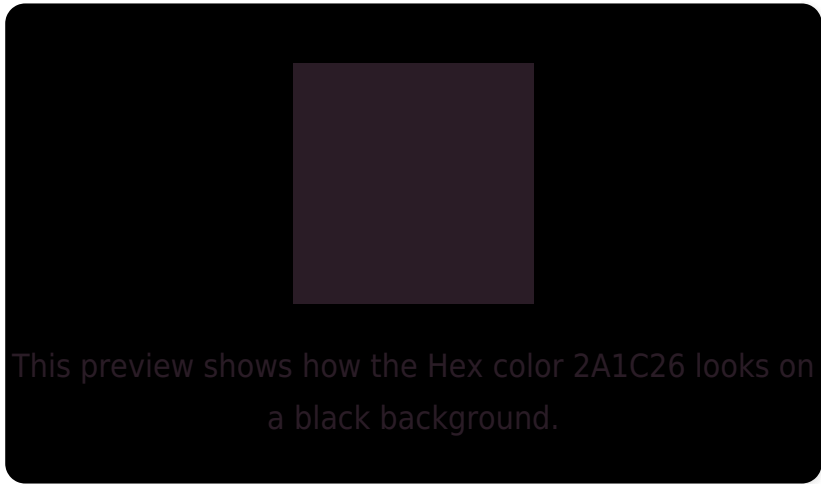
Large Text (above 18pt) WCAG AA ✓ Pass

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

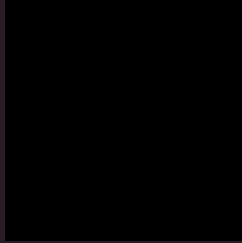
Any Text WCAG AA × Fail

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 2A1C26 Background



This preview shows how black text looks on a background with the Hex color 2A1C26.

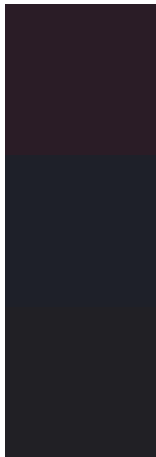


This preview shows how white text looks on a background with the Hex color 2A1C26.

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
2A1C26

Protanopia
1E2029

Deuteranopia
212025



Tritanopia
291D1F

Trichromacy



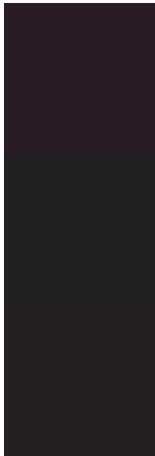
Original Color
2A1C26

Protanomaly
221F28

Deuteranomaly
241F25

Tritanomaly
291D22

Monochromacy



Original Color
2A1C26

Achromatopsia
212121

Achromatomaly
241F23

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1C26 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 #2A1C26 looks like.

```
.text, #text, p{  
    color:#2A1C26  
}
```

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 #2A1C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1C26  
}
```

Border

The CSS property to change the border of an element to Hex 2A1C26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

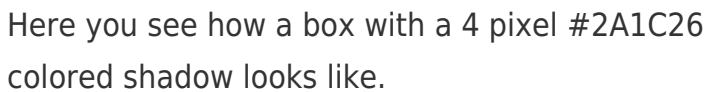
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2A1C26 }
```

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

```
.border{ border-color:#2A1C26 }
```

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



Here you see how a box with a 4 pixel #2A1C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1C26; -webkit-box-shadow:4px 4px  
4px 4px #2A1C26; box-shadow:4px 4px 4px  
4px #2A1C26 }
```

Background

The CSS property to change the background color of an element to Hex 2A1C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1C26 }
```

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

```
.background{ background-color:#2A1C26 }
```

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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