

Converting Colors

Hex(2A1832)

Have a look what the booklet for
Hex(2A1832) contains.

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Color

Hex(2A1832)

Conversions

Conversions Part 1

Format	Color
Hex	2A1832
RGB	42, 24, 50
RGB Percent	16%, 9%, 20%
CMY	0.8353, 0.9059, 0.8039
CMYK	0.16, 0.52, 0.00, 0.80
HSL	282°, 35%, 15%
HSV	282°, 52%, 20%
XYZ	1.8572, 1.3758, 3.1853
YIQ	32.3460, 2.3820, 11.9020

Conversions

Conversions Part 2

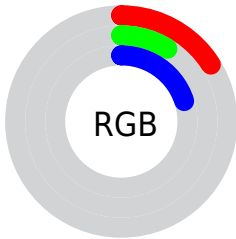
Format	Color
R_YB	42, 24, 50
Decimal	2758706
CIE Lab	11.80, 14.86, -13.70
CIE LCh	12, 20.215, 317.328
Yxy	1.3758, 0.2894, 0.2144
Android (android.graphics.Color)	4280948786 (0xFF2A1832)
YUV	32.3460, 8.7034, 8.4666
Hunter-Lab	11.7294, 7.7366, -7.8904

Details

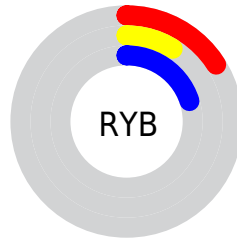
The Hex color **2A1832** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **203218**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **584360**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281332**, and if you desaturate by 10%, it is **2C1D32**.

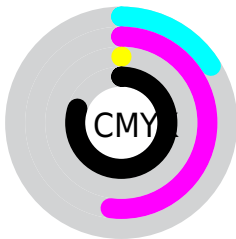
Distribution



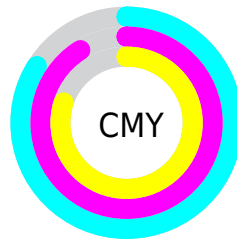
- Red (16%)
- Green (9%)
- Blue (20%)



- Red (16%)
- Yellow (9%)
- Blue (20%)



- Cyan (16%)
- Magenta (52%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1832 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 2A1832 by changing the saturation by 10% instead.

■ 2A1832

■ 2A1832

■ FFFCFF

■ 18001D

■ 584360

■ 000000

■ 715B79

■ 8A7493

■ A58DAE

■ C0A8C9

■ DCC3E5

■ F9DFFF

■ 2A1832

■ 2A1832

■ 281332

■ 2C1D32

■ 270E32

■ 2D2232

■ 250932

■ 2F2732

■ 240432

■ 302C32

■ 230032

■ 323132

■ 333632

■ 353B32

■ 364032

■ 384532

Harmonies

Analogous

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



151E3A



2A1832



351326

Triad

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



2A1832



2D1C00



002627

Complementary

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



2A1832



203218

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.



002519



2A1832



202100

Square

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



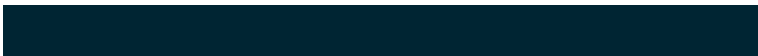
2A1832



351707



102409



002533

Rectangle

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



2A1832



38121C



102409



002622

Sweetspot

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



2A1832



3D3640



182032



1F1B21



A1A1A1



212121

Same Dimension

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



2A1832



341840



32182D



19171A



3E0059



9600D9

Inverse Universe

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



321820



401824



18321D



1A1718



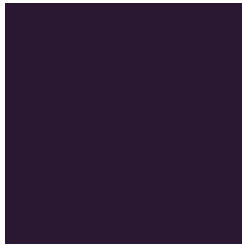
59001B



D90043

Previews

White Background



This preview shows how the Hex color 2A1832 looks on a white background.

Color Contrast Check

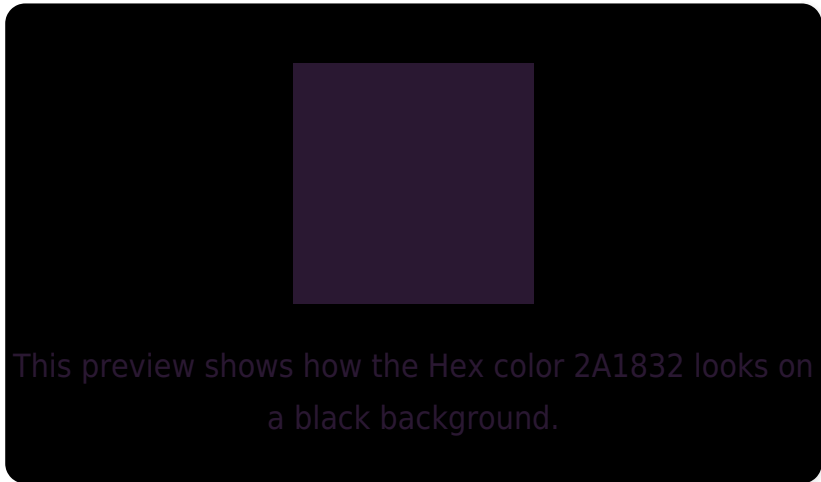
Large Text (above 18pt) WCAG AA ✓ Pass

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

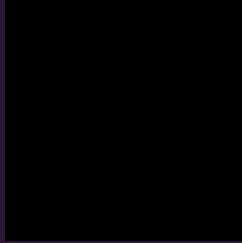
Any Text WCAG AA × Fail

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 2A1832 Background



This preview shows how black text looks on a background with the Hex color 2A1832.



This preview shows how white text looks on a background with the Hex color 2A1832.

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
2A1832

Protanopia
141F38

Deuteranopia
172031



Tritanopia
271D1F

Trichromacy



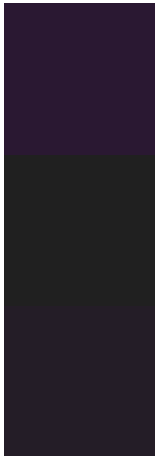
Original Color
2A1832

Protanomaly
1C1C36

Deuteranomaly
1E1D31

Tritanomaly
281B26

Monochromacy



Original Color
2A1832

Achromatopsia
202020

Achromatomaly
241D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1832 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 #2A1832 looks like.

```
.text, #text, p{  
    color:#2A1832  
}
```

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 #2A1832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1832
}
```

Border

The CSS property to change the border of an element to Hex 2A1832 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
#2A1832 }
```

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

```
.border{ border-color:#2A1832 }
```

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

Here you see how a box with a 4 pixel #2A1832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1832; -webkit-box-shadow:4px 4px  
4px 4px #2A1832; box-shadow:4px 4px 4px  
4px #2A1832 }
```

Background

The CSS property to change the background color of an element to Hex 2A1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1832 }
```

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

```
.background{ background-color:#2A1832 }
```

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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