

Converting Colors

Hex(2A1A23)

Have a look what the booklet for
Hex(2A1A23) contains.

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Color

Hex(2A1A23)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 2A1A23 |
| RGB | 42, 26, 35 |
| RGB Percent | 16%, 10%, 14% |
| CMY | 0.8353, 0.8980, 0.8627 |
| CMYK | 0.00, 0.38, 0.17, 0.84 |
| HSL | 326°, 24%, 13% |
| HSV | 326°, 38%, 16% |
| XYZ | 1.6276, 1.3524, 1.7654 |
| YIQ | 31.8100, 6.6470, 6.1910 |

Conversions

Conversions Part 2

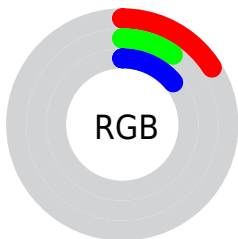
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 42, 26, 35 |
| Decimal | 2759203 |
| CIE Lab | 11.64, 9.75, -2.97 |
| CIE LCh | 12, 10.194, 343.062 |
| Yxy | 1.3524, 0.3430, 0.2850 |
| Android (android.graphics.Color) | 4280949283 (0xFF2A1A23) |
| YUV | 31.8100, 1.5727, 8.9366 |
| Hunter-Lab | 11.6292, 4.6317, -0.8600 |

Details

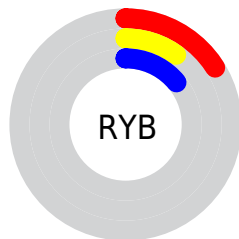
The Hex color **2A1A23** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A2A21**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **58454F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1621**, and if you desaturate by 10%, it is **2A1E25**.

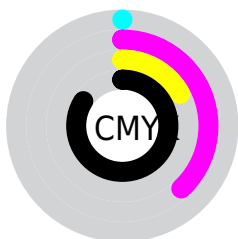
Distribution



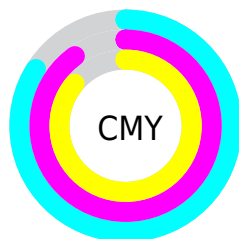
- Red (16%)
- Green (10%)
- Blue (14%)



- Red (16%)
- Yellow (10%)
- Blue (14%)



- Cyan (0%)
- Magenta (38%)
- Yellow (17%)
- Black (84%)



- Cyan (84%)
- Magenta (90%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1A23 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 2A1A23 by changing the saturation by 10% instead.

■ 2A1A23

■ 2A1A23

FFFEFF

■ 17000D

■ 58454F

■ 000000

■ 705D67

■ 8A7680

■ A48F9A

■ BFAAB5

■ DBC5D1

■ F8E1ED

■ 2A1A23

■ 2A1A23

■ 2A1621

■ 2A1E25

■ 2A121F

■ 2A2227

■ 2A0D1D

■ 2A2729

■ 2A091C

■ 2A2B2A

■ 2A051A

■ 2A2F2C

■ 2A0118

■ 2A332E

■ 2A0018

■ 2A3730

■ 2A3C32

■ 2A4034

Harmonies

Analogous

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



241C29



2A1A23



2D1A1C

Triad

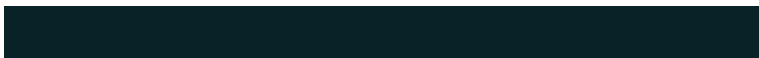
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A1A23



211F11



082228

Complementary

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



2A1A23



1A2A21

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.



092322



2A1A23



192114

Square

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



2A1A23



271D11



11221A



10212C

Rectangle

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



2A1A23



2C1A18



11221A



082226

Sweetspot

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



2A1A23



363033



211A2A



1C181A



9C9C9C



1C1C1C

Same Dimension

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



2A1A23



361D2B



2A1A1B



141214



54002F



D40077

Inverse Universe

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



2A1A23



361D2B



1A2A29



141214



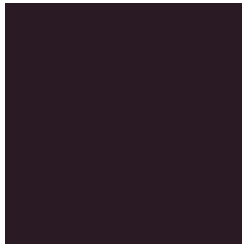
54002F



D40077

Previews

White Background



This preview shows how the Hex color 2A1A23 looks on a white background.

Color Contrast Check

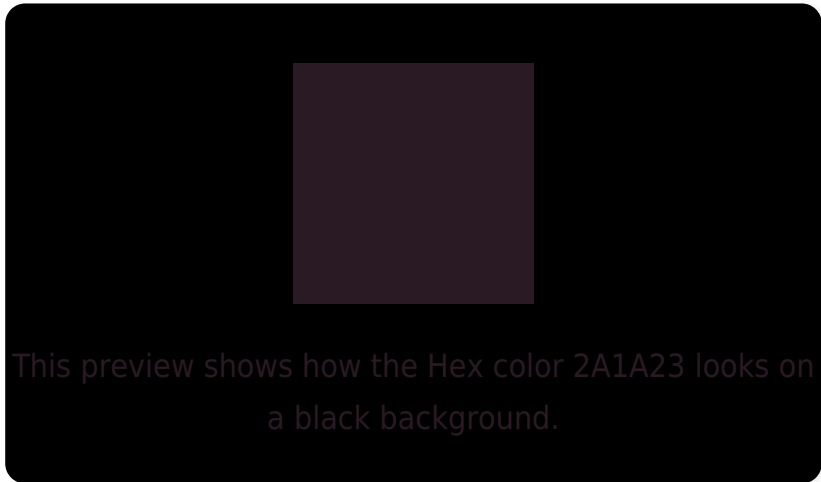
Large Text (above 18pt) WCAG AA ✓ Pass

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

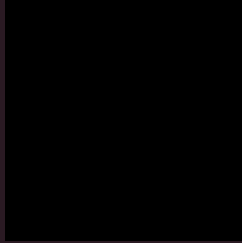
Any Text WCAG AA × Fail

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 2A1A23 Background



This preview shows how black text looks on a background with the Hex color 2A1A23.

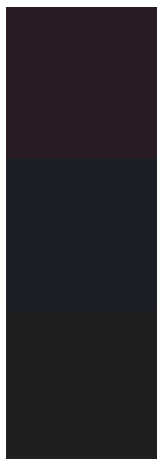


This preview shows how white text looks on a background with the Hex color 2A1A23.

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
2A1A23

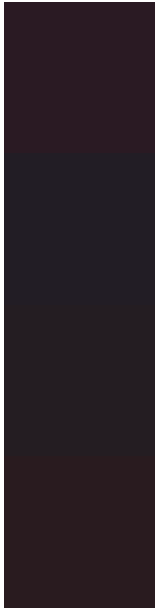
Protanopia
1D1F26

Deuteranopia
211E22



Tritanopia
291B1D

Trichromacy



Original Color

2A1A23

Protanomaly

221D25

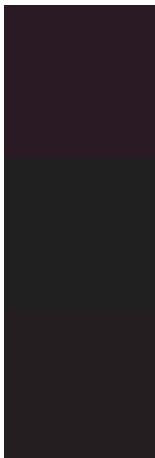
Deuteranomaly

241D22

Tritanomaly

291B1F

Monochromacy



Original Color

2A1A23

Achromatopsia

202020

Achromatomaly

241E21

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1A23 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 #2A1A23 looks like.

```
.text, #text, p{  
    color:#2A1A23  
}
```

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 #2A1A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1A23
}
```

Border

The CSS property to change the border of an element to Hex 2A1A23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

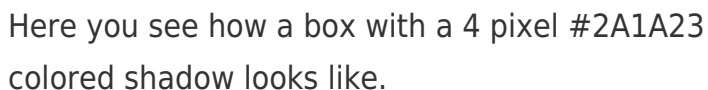
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A1A23 }
```

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

```
.border{ border-color:#2A1A23 }
```

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



Here you see how a box with a 4 pixel #2A1A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1A23; -webkit-box-shadow:4px 4px  
4px 4px #2A1A23; box-shadow:4px 4px 4px  
4px #2A1A23 }
```

Background

The CSS property to change the background color of an element to Hex 2A1A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1A23 }
```

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

```
.background{ background-color:#2A1A23 }
```

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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