

Converting Colors

Hex(2A1C3D)

Have a look what the booklet for
Hex(2A1C3D) contains.

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Color

Hex(2A1C3D)

Conversions

Conversions Part 1	
Format	Color
Hex	2A1C3D
RGB	42, 28, 61
RGB Percent	16%, 11%, 24%
CMY	0.8353, 0.8902, 0.7608
CMYK	0.31, 0.54, 0.00, 0.76
HSL	265°, 37%, 17%
HSV	265°, 54%, 24%
XYZ	2.2124, 1.6597, 4.6186
YIQ	35.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

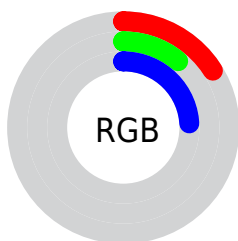
Format	Color
RYB	42, 28, 61
Decimal	2759741
CIELab	13.59, 15.22, -18.73
CIELCh	14, 24.140, 309.095
Yxy	1.6597, 0.2606, 0.1955
Android (android.graphics.Color)	4280949821 (0xFF2A1C3D)
YUV	35.9480, 12.3506, 5.3076
Hunter-Lab	12.8828, 8.1094, -12.2381

Details

The Hex color **2A1C3D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2F3D1C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **59486D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **26163D**, and if you desaturate by 10%, it is **2E223D**.

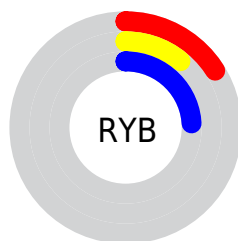
Distribution



Red (16%)

Green (11%)

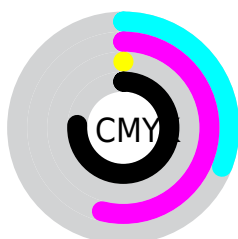
Blue (24%)



Red (16%)

Yellow (11%)

Blue (24%)

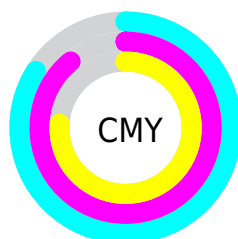


Cyan (31%)

Magenta (54%)

Yellow (0%)

Black (76%)



Cyan (84%)

Magenta (89%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1C3D 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 2A1C3D by changing the saturation by 10% instead.

 2A1C3D

 2A1C3D

FFFFFF

 170327

 59486D

 000111

 716086

 000000

 8B78A0

 A692BB

 C1ADD7

 DDC8F4

 FAE4FF

 2A1C3D

 2A1C3D

 26163D

 2E223D

 23103D

 31283D

 1F0A3D

 352E3D

 1C043D

 38343D

 1A003D

 3C3B3D

 3F413D

 43473D

 464D3D

 4A533D

Harmonies

Analogous

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



062344



2A1C3D



3B152F

Triad

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



2A1C3D



361D00



002B28

Complementary

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



2A1C3D



2F3D1C

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.



002A16



2A1C3D



282300

Square

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



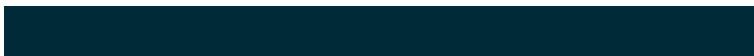
2A1C3D



3E170D



162802



002A38

Rectangle

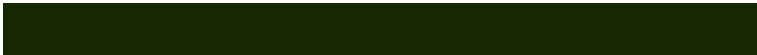
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2A1C3D



401224



162802



002B22

Sweetspot

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



2A1C3D



48424F



1C2F3D



242129



A8A8A8



292929

Same Dimension

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



2A1C3D



311C4F



3A1C3D



1D1C1F



28005E



5E00DE

Inverse Universe

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



3D1C2F



4F1C39



1F3D1C



1F1C1D



5E0036



DE0080

Previews

White Background



This preview shows how the Hex color 2A1C3D 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



This preview shows how the Hex color 2A1C3D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

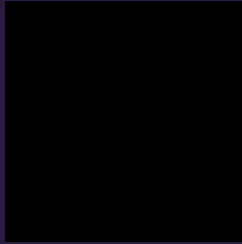
Any Text WCAG AA × Fail

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 2A1C3D Background



This preview shows how black text looks on a background with the Hex color 2A1C3D.



This preview shows how white text looks on a background with the Hex color 2A1C3D.

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

2A1C3D

Protanopia

112243

Deuteranopia




12233B




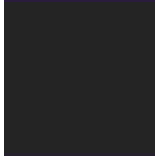

Tritanopia

252225

Trichromacy

	Original Color 2A1C3D
	Protanomaly 1A2041
	Deuteranomaly 1B203C
	Tritanomaly 27202E

Monochromacy

	Original Color 2A1C3D
	Achromatopsia 242424
	Achromatomaly 26212D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1C3D 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 #2A1C3D looks like.

```
.text, #text, p{  
    color:#2A1C3D  
}
```

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 #2A1C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1C3D
}
```

Border

The CSS property to change the border of an element to Hex 2A1C3D 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
#2A1C3D }
```

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

```
.border{ border-color:#2A1C3D }
```

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

Here you see how a box with a 4 pixel #2A1C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1C3D; -webkit-box-shadow:4px 4px  
4px 4px #2A1C3D; box-shadow:4px 4px 4px  
4px #2A1C3D }
```

Background

The CSS property to change the background color of an element to Hex 2A1C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1C3D }
```

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

```
.background{ background-color:#2A1C3D }
```

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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