

Converting Colors

Hex(2A2648)

Have a look what the booklet for
Hex(2A2648) contains.

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Color

Hex(2A2648)

Conversions

Conversions Part 1

Format	Color
Hex	2A2648
RGB	42, 38, 72
RGB Percent	16%, 15%, 28%
CMY	0.8353, 0.8510, 0.7176
CMYK	0.42, 0.47, 0.00, 0.72
HSL	247°, 31%, 22%
HSV	247°, 47%, 28%
XYZ	2.8177, 2.3463, 6.4353
YIQ	43.0720, -8.5300, 11.4220

Conversions

Conversions Part 2

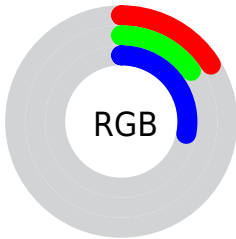
Format	Color
RYB	42, 38, 72
Decimal	2762312
CIELab	17.21, 11.60, -20.65
CIELCh	17, 23.686, 299.335
Yxy	2.3463, 0.2429, 0.2023
Android (android.graphics.Color)	4280952392 (0xFF2A2648)
YUV	43.0720, 14.2615, -0.9401
Hunter-Lab	15.3178, 6.0284, -14.1863

Details

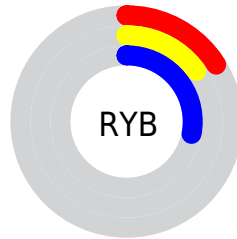
The Hex color **2A2648** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **444826**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **595379**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **241F48**, and if you desaturate by 10%, it is **302D48**.

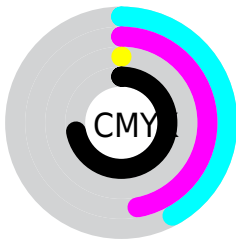
Distribution



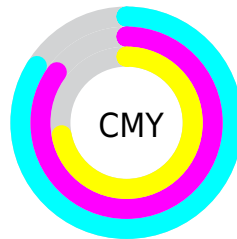
- Red (16%)
- Green (15%)
- Blue (28%)



- Red (16%)
- Yellow (15%)
- Blue (28%)



- Cyan (42%)
- Magenta (47%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2648 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 2A2648 by changing the saturation by 10% instead.

■ 2A2648

■ 2A2648

FFFFFF

■ 141231

■ 595379

■ 00021C

■ 726B93

■ 000000

■ 8C84AD

■ A69EC9

■ C2B9E5

■ DED5FF

■ FBF1FF

■ 2A2648

■ 2A2648

■ 241F48

■ 302D48

■ 1D1848

■ 373448

■ 171048

■ 3D3C48

■ 110948

■ 434348

■ 0A0248

■ 4A4A48

■ 080048

■ 505148

■ 565848

■ 5D6048

■ 636748

Harmonies

Analogous

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



002C4C



2A2648



3F1F3C

Triad

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



2A2648



41230C



003329

Complementary

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



2A2648



444826

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.



0B3118



2A2648



342903

Square

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



2A2648



491D1B



232E09



00323A

Rectangle

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



2A2648



461C31



232E09



003223

Sweetspot

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



2A2648



53515E



264448



292830



B0B0B0



303030

Same Dimension

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



2A2648



2F295E



3B2648



212024



0C0063



1B00E3

Inverse Universe

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



482644



5E2958



334826



242023



630058



E300C8

Previews

White Background



This preview shows how the Hex color 2A2648 looks on a white background.

Color Contrast Check

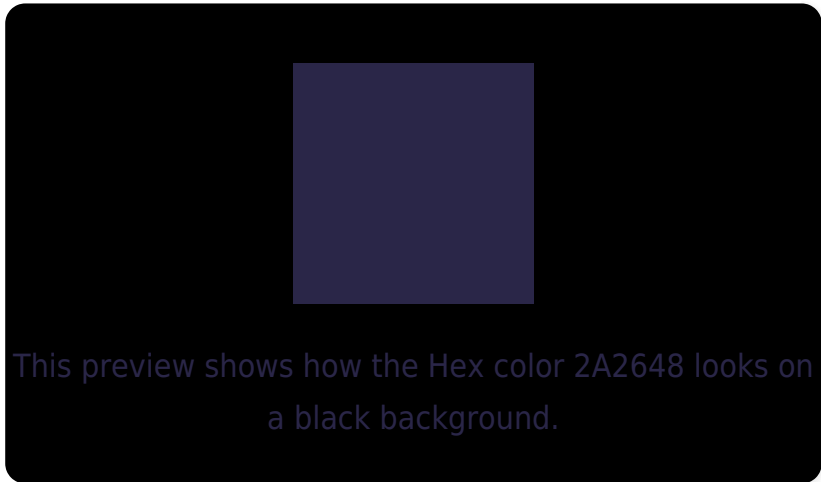
Large Text (above 18pt) WCAG AA ✓ Pass

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

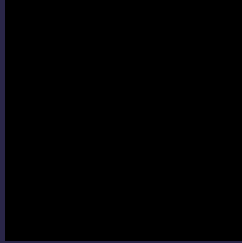
Any Text WCAG AA × Fail

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 2A2648 Background



This preview shows how black text looks on a background with the Hex color 2A2648.



This preview shows how white text looks on a background with the Hex color 2A2648.

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
2A2648

Protanopia
1B294B

Deuteranopia
172B47



Tritanopia
242C2F

Trichromacy



Original Color

2A2648

Protanomaly

20284A

Deuteranomaly

1E2947

Tritanomaly

262A38

Monochromacy



Original Color

2A2648

Achromatopsia

2B2B2B

Achromatomaly

2B2936

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2648 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 #2A2648 looks like.

```
.text, #text, p{  
    color:#2A2648  
}
```

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 #2A2648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2648
}
```

Border

The CSS property to change the border of an element to Hex 2A2648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

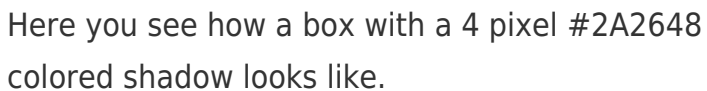
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2648 }
```

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

```
.border{ border-color:#2A2648 }
```

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



Here you see how a box with a 4 pixel #2A2648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2648; -webkit-box-shadow:4px 4px  
4px 4px #2A2648; box-shadow:4px 4px 4px  
4px #2A2648 }
```

Background

The CSS property to change the background color of an element to Hex 2A2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2648 }
```

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

```
.background{ background-color:#2A2648 }
```

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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