

Converting Colors

Hex(2B3978)

Have a look what the booklet for
Hex(2B3978) contains.

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Color

Hex(2B3978)

Conversions

Conversions Part 1

Format	Color
Hex	2B3978
RGB	43, 57, 120
RGB Percent	17%, 22%, 47%
CMY	0.8314, 0.7765, 0.5294
CMYK	0.64, 0.53, 0.00, 0.53
HSL	229°, 47%, 32%
HSV	229°, 64%, 47%
XYZ	5.8496, 4.7959, 18.3867
YIQ	59.9960, -28.5670, 16.6250

Conversions

Conversions Part 2

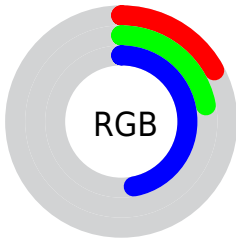
Format	Color
R_{YB}	43, 55, 120
Decimal	2832760
CIE _{Lab}	26.15, 15.75, -37.88
CIE _{LCh}	26, 41.025, 292.573
Yxy	4.7959, 0.2015, 0.1652
Android (android.graphics.Color)	4281022840 (0xFF2B3978)
YUV	59.9960, 29.5820, -14.9055
Hunter-Lab	21.8996, 9.3545, -34.4497

Details

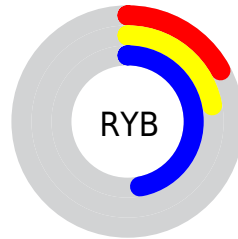
The Hex color **2B3978** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **786A2B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6168AD**, and **001047** is the 20% darker color. If you saturate the color by 10%, you get **1F2F78**, and if you desaturate by 10%, it is **374378**.

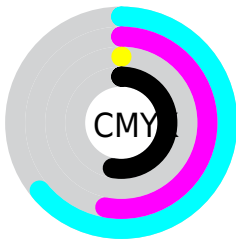
Distribution



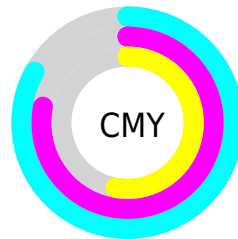
- Red (17%)
- Green (22%)
- Blue (47%)



- Red (17%)
- Yellow (22%)
- Blue (47%)



- Cyan (64%)
- Magenta (53%)
- Yellow (0%)
- Black (53%)



- Cyan (83%)
- Magenta (78%)
- Yellow (53%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3978 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 2B3978 by changing the saturation by 10% instead.

■ 2B3978

■ 2B3978

FFFFFF

■ 09245F

■ 6168AD

■ 001047

■ 7B81C8

■ 000430

■ 979BE5

■ 00011A

■ B2B5FF

■ 000000

■ CFD1FF

■ ECEDFF

■ 2B3978

■ 2B3978

■ 1F2F78

■ 374378

■ 132578

■ 434D78

■ 071C78

■ 4F5678

■ 001678

■ 5B6078

■ 676A78

■ 737478

■ 7F7E78

■ 8B8878

■ 979178

Harmonies

Analogous

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



00447C



2B3978



5B2A64

Triad

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



2B3978



682C0A



004B35

Complementary

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



2B3978



786A2B

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.



024915



2B3978



533A00

Square

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



2B3978



741E28



364300



004C55

Rectangle

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



2B3978



6C2051



364300



004B2A

Sweetspot

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



2B3978



7E839C



2B786A



3D404F



CFCFCF



4F4F4F

Same Dimension

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



2B3978



243A9C



432B78



37383D



00177D



002EFC

Inverse Universe

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



782B39



9C243A



60782B



3D3738



7D0017



FC002E

Previews

White Background



This preview shows how the Hex color 2B3978 looks on a white background.

Color Contrast Check

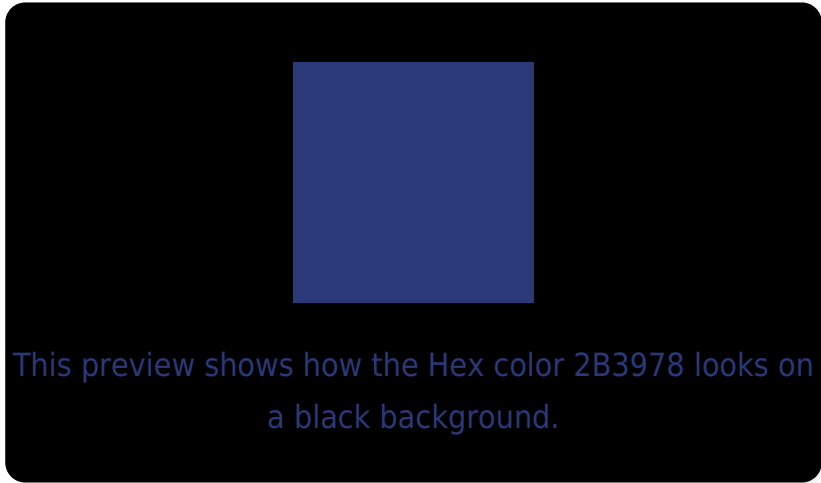
Large Text (above 18pt) WCAG AA ✓ Pass

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

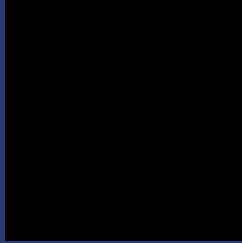
Any Text WCAG AA × Fail

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 2B3978 Background



This preview shows how black text looks on a background with the Hex color 2B3978.



This preview shows how white text looks on a background with the Hex color 2B3978.

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](#).

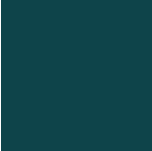
Dichromacy



Original Color
2B3978

Protanopia
143C7B

Deuteranopia
003F6E



Tritanopia
0E444A

Trichromacy



Original Color
2B3978

Protanomaly
1C3B7A

Deuteranomaly
103D72

Tritanomaly
19405B

Monochromacy



Original Color
2B3978

Achromatopsia
3C3C3C

Achromatomaly
363B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3978 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 #2B3978 looks like.

```
.text, #text, p{  
    color:#2B3978  
}
```

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 #2B3978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3978
}
```

Border

The CSS property to change the border of an element to Hex 2B3978 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
#2B3978 }
```

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

```
.border{ border-color:#2B3978 }
```

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

Here you see how a box with a 4 pixel #2B3978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3978; -webkit-box-shadow:4px 4px  
4px 4px #2B3978; box-shadow:4px 4px 4px  
4px #2B3978 }
```

Background

The CSS property to change the background color of an element to Hex 2B3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3978 }
```

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

```
.background{ background-color:#2B3978 }
```

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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