

Converting Colors

Hex(2A3A7B)

Have a look what the booklet for
Hex(2A3A7B) contains.

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Color

Hex(2A3A7B)

Conversions

Conversions Part 1

Format	Color
Hex	2A3A7B
RGB	42, 58, 123
RGB Percent	16%, 23%, 48%
CMY	0.8353, 0.7725, 0.5176
CMYK	0.66, 0.53, 0.00, 0.52
HSL	228°, 49%, 32%
HSV	228°, 66%, 48%
XYZ	6.0431, 4.9484, 19.3755
YIQ	60.6260, -30.4010, 16.8230

Conversions

Conversions Part 2

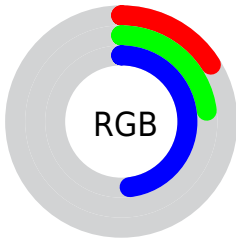
Format	Color
R _Y B	42, 55, 123
Decimal	2767483
CIE Lab	26.59, 16.00, -39.07
CIE LCh	27, 42.215, 292.266
Yxy	4.9484, 0.1990, 0.1630
Android (android.graphics.Color)	4280957563 (0xFF2A3A7B)
YUV	60.6260, 30.7504, -16.3350
Hunter-Lab	22.2450, 9.5622, -36.0704




Details

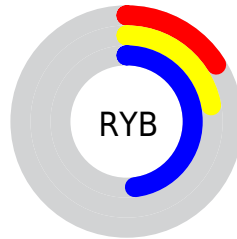
The Hex color **2A3A7B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7B6B2A**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **6069B0**, and **001149** is the 20% darker color. If you saturate the color by 10%, you get **1E307B**, and if you desaturate by 10%, it is **36447B**.

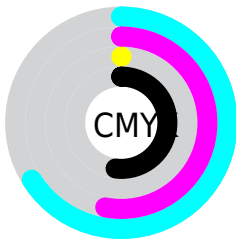
Distribution







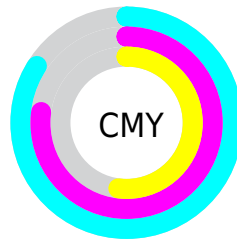
-  Red (16%)
-  Green (23%)
-  Blue (48%)






-  Red (16%)
-  Yellow (22%)
-  Blue (48%)



-  Cyan (66%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (84%)
-  Magenta (77%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3A7B 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 2A3A7B by changing the saturation by 10% instead.

■ 2A3A7B

■ 2A3A7B

FFFFFF

■ 052562

■ 6069B0

■ 001149

■ 7B82CC

■ 000332

■ 979CE8

■ 00021C

■ B3B7FF

■ 000000

■ CFD2FF

■ ECEEFF

■ 2A3A7B

■ 2A3A7B

■ 1E307B

■ 36447B

■ 11267B

■ 434E7B

■ 051C7B

■ 4F587B

■ 00187B

■ 5B617B

■ 686B7B

■ 74757B

■ 807F7B

■ 8C897B

■ 99937B

Harmonies

Analogous

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



00457F



2A3A7B



5D2A67

Triad

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



2A3A7B



6B2C0A



004D35

Complementary

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



2A3A7B



7B6B2A

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.



004A14



2A3A7B



543A00

Square

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



2A3A7B



771D29



364400



004D56

Rectangle

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



2A3A7B



6E1F53



364400



004C2A

Sweetspot

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



2A3A7B



8187A1



2A7B6B



3E4252



D1D1D1



525252

Same Dimension

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



2A3A7B



223BA1



422A7B



37383D



00197D



0032FC

Inverse Universe

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



7B2A3A



A1223B



637B2A



3D3738



7D0019



FC0032

Previews

White Background



This preview shows how the Hex color 2A3A7B looks on a white background.

Color Contrast Check

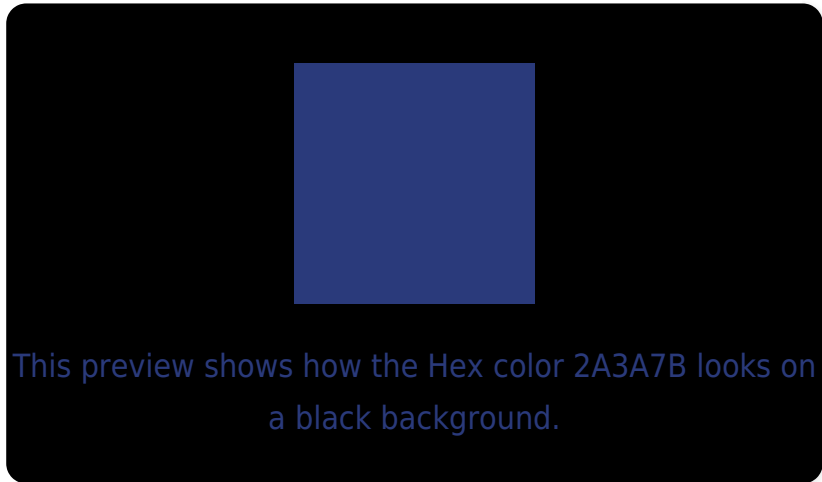
Large Text (above 18pt) WCAG AA ✓ Pass

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

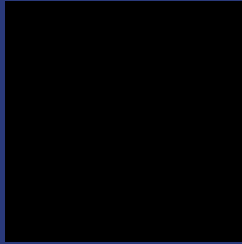
Any Text WCAG AA × Fail

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 2A3A7B Background



This preview shows how black text looks on a background with the Hex color 2A3A7B.



This preview shows how white text looks on a background with the Hex color 2A3A7B.

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





Tritanopia
00464B

Trichromacy



Original Color
2A3A7B

Protanomaly
1B3C7D

Deuteranomaly
0F3E74

Tritanomaly
0F425C

Monochromacy



Original Color
2A3A7B

Achromatopsia
3D3D3D

Achromatomaly
363C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3A7B 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 #2A3A7B looks like.

```
.text, #text, p{  
    color:#2A3A7B  
}
```

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 #2A3A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3A7B
}
```

Border

The CSS property to change the border of an element to Hex 2A3A7B 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
#2A3A7B }
```

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

```
.border{ border-color:#2A3A7B }
```

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

Here you see how a box with a 4 pixel #2A3A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3A7B; -webkit-box-shadow:4px 4px  
4px 4px #2A3A7B; box-shadow:4px 4px 4px  
4px #2A3A7B }
```

Background

The CSS property to change the background color of an element to Hex 2A3A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3A7B }
```

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

```
.background{ background-color:#2A3A7B }
```

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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