

Converting Colors

Hex(2A3B87)

Have a look what the booklet for
Hex(2A3B87) contains.

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Color

Hex(2A3B87)

Conversions

Conversions Part 1

Format	Color
Hex	2A3B87
RGB	42, 59, 135
RGB Percent	16%, 23%, 53%
CMY	0.8353, 0.7686, 0.4706
CMYK	0.69, 0.56, 0.00, 0.47
HSL	229°, 53%, 35%
HSV	229°, 69%, 53%
XYZ	6.8920, 5.3694, 23.5948
YIQ	62.5810, -34.5280, 20.0320

Conversions

Conversions Part 2

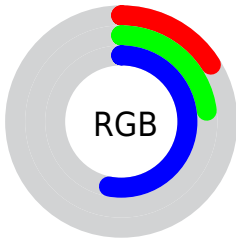
Format	Color
R_{YB}	42, 56, 135
Decimal	2767751
CIE _{Lab}	27.76, 19.87, -44.68
CIE _{LCh}	28, 48.896, 293.976
Yxy	5.3694, 0.1922, 0.1497
Android (android.graphics.Color)	4280957831 (0xFF2A3B87)
YUV	62.5810, 35.7026, -18.0495
Hunter-Lab	23.1721, 12.5396, -44.1513

Details

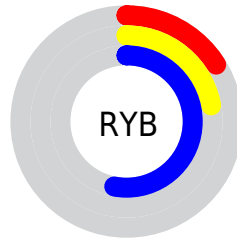
The Hex color **2A3B87** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87762A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **636ABD**, and **001254** is the 20% darker color. If you saturate the color by 10%, you get **1C3087**, and if you desaturate by 10%, it is **374687**.

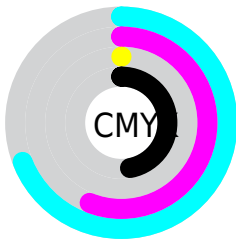
Distribution



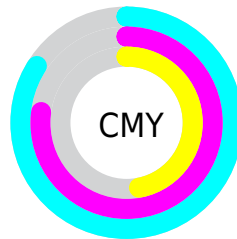
- Red (16%)
- Green (23%)
- Blue (53%)



- Red (16%)
- Yellow (22%)
- Blue (53%)



- Cyan (69%)
- Magenta (56%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (77%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3B87 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 2A3B87 by changing the saturation by 10% instead.



2A3B87



2A3B87

FFFFFF



00266D



636ABD



001254



7E83D9



00003D



9A9DF6



000226



B6B8FF



00010F



D3D3FF



000000



F0F0FF



2A3B87



2A3B87



1C3087



374687

■ 0F2587

■ 455187

■ 011A87

■ 525C87

■ 001987

■ 606787

■ 6E7287

■ 7B7D87

■ 898887

■ 969387

■ A39E87

Harmonies

Analogous

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



00498D



2A3B87



66266E

Triad

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



2A3B87



722C00



005139

Complementary

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



2A3B87



87762A

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.



004E10



2A3B87



583D00

Square

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



2A3B87



811626



344800



00525F

Rectangle

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



2A3B87



791757



344800



00502B

Sweetspot

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



2A3B87



8B92B0



2A8776



434759



D9D9D9



595959

Same Dimension

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



2A3B87



1E39B0



472A87



3C3D42



001882



000003

Inverse Universe

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



872A3B



B01E39



6A872A



423C3D



820018



030000

Previews

White Background



This preview shows how the Hex color 2A3B87 looks on a white background.

Color Contrast Check

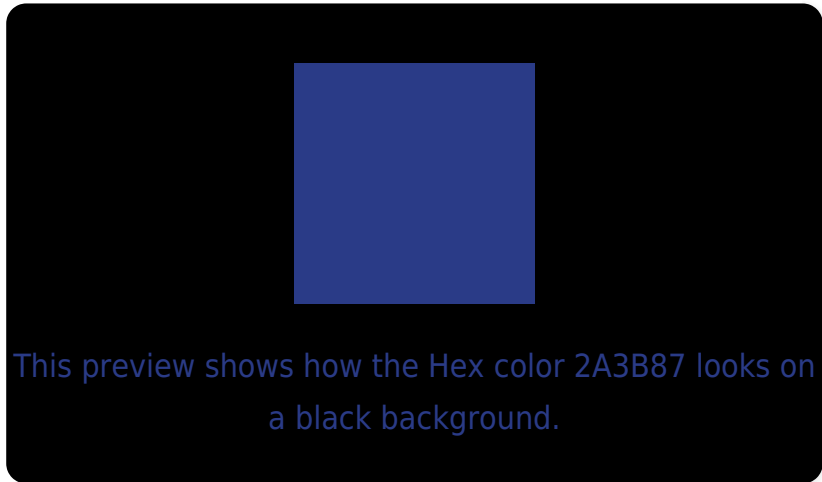
Large Text (above 18pt) WCAG AA ✓ Pass

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

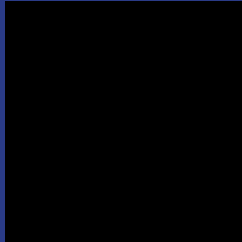
Any Text WCAG AA × Fail

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 2A3B87 Background



This preview shows how black text looks on a background with the Hex color 2A3B87.



This preview shows how white text looks on a background with the Hex color 2A3B87.

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
2A3B87

Protanopia
003F86

Deuteranopia
004374

Trichromacy



Original Color
2A3B87

Protanomaly
0F3E86

Deuteranomaly
0F407B

Tritanomaly
0F4463

Monochromacy



Original Color
2A3B87

Achromatopsia
3F3F3F

Achromatomaly
373E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3B87 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 #2A3B87 looks like.

```
.text, #text, p{  
    color:#2A3B87  
}
```

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 #2A3B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3B87
}
```

Border

The CSS property to change the border of an element to Hex 2A3B87 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
#2A3B87 }
```

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

```
.border{ border-color:#2A3B87 }
```

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

Here you see how a box with a 4 pixel #2A3B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3B87; -webkit-box-shadow:4px 4px  
4px 4px #2A3B87; box-shadow:4px 4px 4px  
4px #2A3B87 }
```

Background

The CSS property to change the background color of an element to Hex 2A3B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3B87 }
```

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

```
.background{ background-color:#2A3B87 }
```

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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