

Converting Colors

Hex(2A32A2)

Have a look what the booklet for
Hex(2A32A2) contains.

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Color

Hex(2A32A2)

Conversions

Conversions Part 1

Format	Color
Hex	2A32A2
RGB	42, 50, 162
RGB Percent	16%, 20%, 64%
CMY	0.8353, 0.8039, 0.3647
CMYK	0.74, 0.69, 0.00, 0.36
HSL	236°, 59%, 40%
HSV	236°, 74%, 64%
XYZ	8.6170, 5.3821, 34.7671
YIQ	60.3760, -40.7200, 33.1360

Conversions

Conversions Part 2

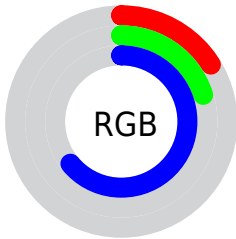
Format	Color
R_{YB}	42, 50, 162
Decimal	2765474
CIE _{Lab}	27.80, 35.84, -61.19
CIE _{LCh}	28, 70.911, 300.358
Yxy	5.3821, 0.1767, 0.1104
Android (android.graphics.Color)	4280955554 (0xFF2A32A2)
YUV	60.3760, 50.1006, -16.1158
Hunter-Lab	23.1993, 25.7023, -72.6140

Details

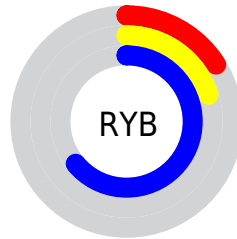
The Hex color **2A32A2** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A29A2A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6A61DA**, and **00096D** is the 20% darker color. If you saturate the color by 10%, you get **1A23A2**, and if you desaturate by 10%, it is **3A41A2**.

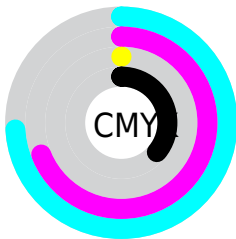
Distribution



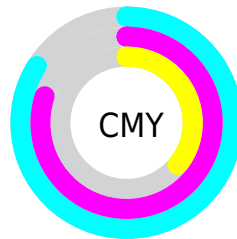
- Red (16%)
- Green (20%)
- Blue (64%)



- Red (16%)
- Yellow (20%)
- Blue (64%)



- Cyan (74%)
- Magenta (69%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (80%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A32A2 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 2A32A2 by changing the saturation by 10% instead.

■ 2A32A2

■ 2A32A2

FFFFFF

■ 001D87

■ 6A61DA

■ 00096D

■ 877AF7

■ 000054

■ A494FF

■ 00063C

■ C2AFFF

■ 000225

■ DFCAFF

■ 00010D

■ FDE6FF

■ 000000

■ 2A32A2

■ 2A32A2

■ 1A23A2

■ 3A41A2

■ 0A14A2

■ 4A50A2

■ 000BA2

■ 5B5FA2

■ 6B6EA2

■ 7B7EA2

■ 8B8DA2

■ 9B9CA2

■ ACABA2

■ BCBA2

Harmonies

Analogous

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



004AB2



2A32A2



7F0079

Triad

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



2A32A2



7A2500



005541

Complementary

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



2A32A2



A29A2A

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.



005300



2A32A2



514000

Square

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



2A32A2



94000E



114D00



005678

Rectangle

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



2A32A2



950056



114D00



00552E

Sweetspot

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



2A32A2



A5A8D4



2AA29A



4F516B



EBEBEB



6B6B6B

Same Dimension

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



2A32A2



1724D4



5E2AA2



494A52



000A91



000112

Inverse Universe

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



A22A32



D41724



6EA22A



52494A



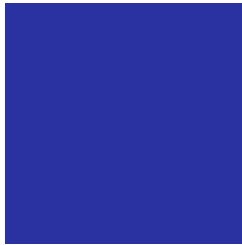
91000A



120001

Previews

White Background



This preview shows how the Hex color 2A32A2 looks on a white background.

Color Contrast Check

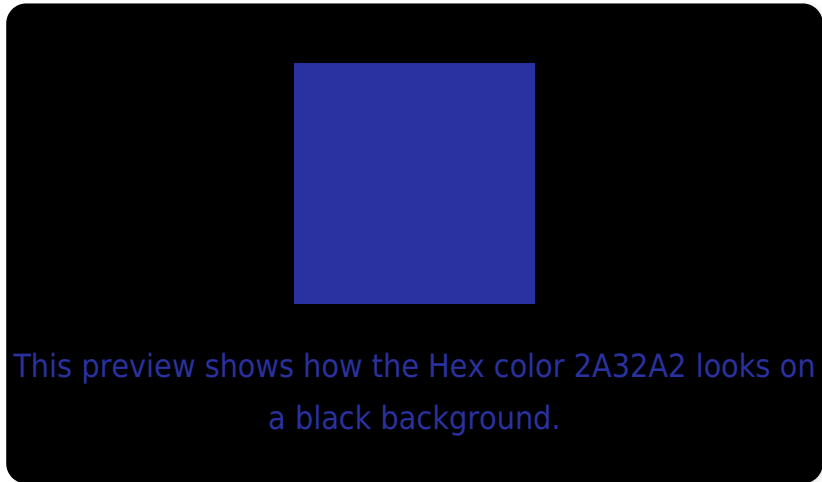
Large Text (above 18pt) WCAG AA ✓ Pass

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

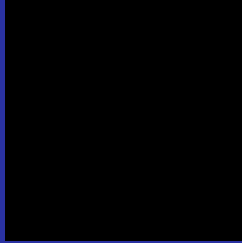
Any Text WCAG AA × Fail

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 2A32A2 Background



This preview shows how black text looks on a background with the Hex color 2A32A2.



This preview shows how white text looks on a background with the Hex color 2A32A2.

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
2A32A2

Protanopia
003F85

Deuteranopia
004372



Tritanopia
00494D

Trichromacy



Original Color
2A32A2

Protanomaly
0F3A90

Deuteranomaly
0F3D83

Tritanomaly
0F416C

Monochromacy



Original Color
2A32A2

Achromatopsia
3C3C3C

Achromatomaly
353861

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A32A2 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 #2A32A2 looks like.

```
.text, #text, p{  
    color:#2A32A2  
}
```

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 #2A32A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A32A2
}
```

Border

The CSS property to change the border of an element to Hex 2A32A2 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".

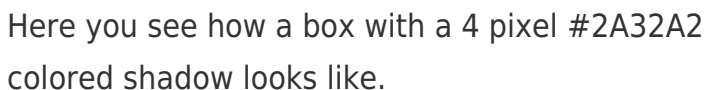
```
.border, #border, table{ border:4px solid
#2A32A2 }
```

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

```
.border{ border-color:#2A32A2 }
```

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

Here you see how a box with a 4 pixel #2A32A2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A32A2; -webkit-box-shadow:4px 4px  
4px 4px #2A32A2; box-shadow:4px 4px 4px  
4px #2A32A2 }
```

Background

The CSS property to change the background color of an element to Hex 2A32A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A32A2 }
```

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

```
.background{ background-color:#2A32A2 }
```

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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