

Converting Colors

Hex(2C36AC)

Have a look what the booklet for
Hex(2C36AC) contains.

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Color

Hex(2C36AC)

Conversions

Conversions Part 1

Format	Color
Hex	2C36AC
RGB	44, 54, 172
RGB Percent	17%, 21%, 67%
CMY	0.8275, 0.7882, 0.3255
CMYK	0.74, 0.69, 0.00, 0.33
HSL	235°, 59%, 42%
HSV	235°, 74%, 67%
XYZ	9.8043, 6.1524, 39.7005
YIQ	64.4620, -43.8380, 34.5780

Conversions

Conversions Part 2

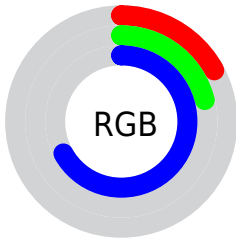
Format	Color
R _Y B	44, 53, 172
Decimal	2897580
CIE Lab	29.79, 37.11, -63.93
CIE LCh	30, 73.915, 300.133
Yxy	6.1524, 0.1762, 0.1105
Android (android.graphics.Color)	4281087660 (0xFF2C36AC)
YUV	64.4620, 53.0162, -17.9452
Hunter-Lab	24.8040, 27.1488, -77.5351

Details

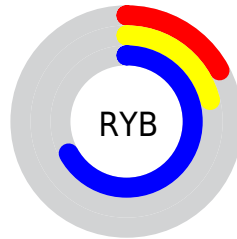
The Hex color **2C36AC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ACA22C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6D65E4**, and **000C76** is the 20% darker color. If you saturate the color by 10%, you get **1B26AC**, and if you desaturate by 10%, it is **3D46AC**.

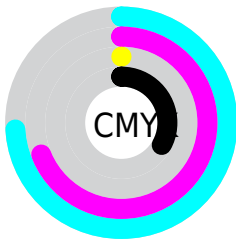
Distribution



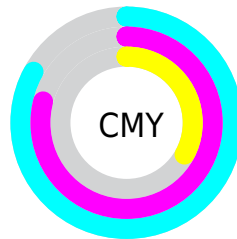
- Red (17%)
- Green (21%)
- Blue (67%)



- Red (17%)
- Yellow (21%)
- Blue (67%)



- Cyan (74%)
- Magenta (69%)
- Yellow (0%)
- Black (33%)



- Cyan (83%)
- Magenta (79%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C36AC 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 2C36AC by changing the saturation by 10% instead.

■ 2C36AC

■ 2C36AC

FFFFFF

■ 002091

■ 6D65E4

■ 000C76

■ 8B7EFF

■ 00005D

■ A898FF

■ 000844

■ C6B3FF

■ 00032D

■ E4CFFF

■ 000117

■ FFE8FF

■ 000000

■ 2C36AC

■ 2C36AC

■ 1B26AC

■ 3D46AC

■ 0A16AC

■ 4E56AC

■ 000DAC

■ 6066AC

■ 7175AC

■ 8285AC

■ 9395AC

■ A4A5AC

■ B6B5AC

■ C7C5AC

Harmonies

Analogous

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



004FBC



2C36AC



870081

Triad

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



2C36AC



822800



005B45

Complementary

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



2C36AC



ACA22C

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.



005800



2C36AC



574500

Square

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



2C36AC



9E0011



145200



005C7F

Rectangle

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



2C36AC



9D005C



145200



005A31

Sweetspot

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



2C36AC



AFB3E0



2CAC A1



535570



F0F0F0



707070

Same Dimension

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



2C36AC



1928E0



612CAC



4E4F57



000C96



000217

Inverse Universe

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



AC2C36



E01928



77AC2C



574E4F



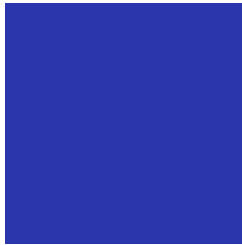
96000C



170002

Previews

White Background



This preview shows how the Hex color 2C36AC looks on a white background.

Color Contrast Check

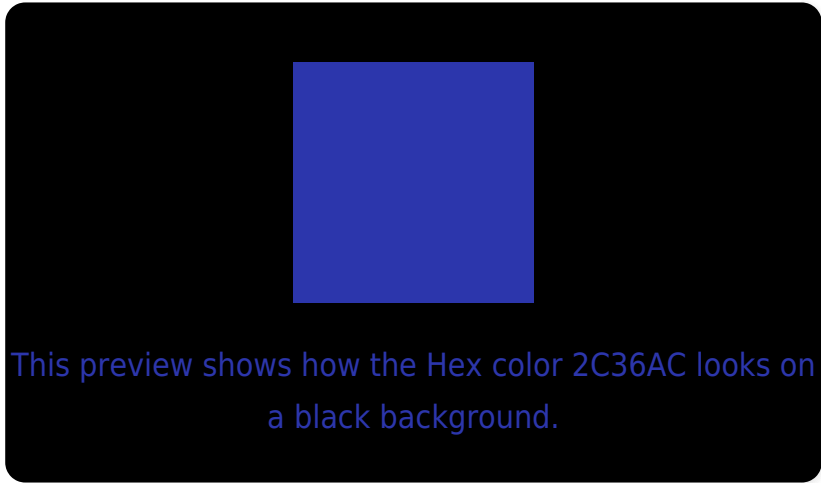
Large Text (above 18pt) WCAG AA ✓ Pass

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

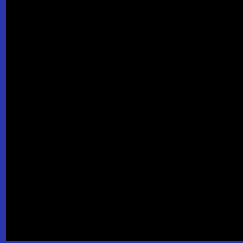
Any Text WCAG AA × Fail

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 2C36AC Background



This preview shows how black text looks on a background with the Hex color 2C36AC.



This preview shows how white text looks on a background with the Hex color 2C36AC.

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
2C36AC

Protanopia
00448F

Deuteranopia
00487A



Tritanopia
004E53

Trichromacy



Original Color
2C36AC

Protanomaly
103F9A

Deuteranomaly
10418C

Tritanomaly
104573

Monochromacy



Original Color
2C36AC

Achromatopsia
404040

Achromatomaly
393C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C36AC 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 #2C36AC looks like.

```
.text, #text, p{  
    color:#2C36AC  
}
```

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 #2C36AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C36AC }  
}
```

Border

The CSS property to change the border of an element to Hex 2C36AC 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".

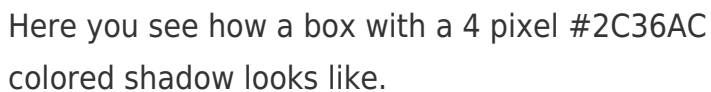
```
.border, #border, table{ border:4px solid #2C36AC }  
}
```

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

```
.border{ border-color:#2C36AC }
```

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

Here you see how a box with a 4 pixel #2C36AC 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 #2C36AC; -webkit-box-shadow:4px 4px  
4px 4px #2C36AC; box-shadow:4px 4px 4px  
4px #2C36AC }
```

Background

The CSS property to change the background color of an element to Hex 2C36AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C36AC }
```

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

```
.background{ background-color:#2C36AC }
```

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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