

Converting Colors

Hex(2C40C8)

Have a look what the booklet for
Hex(2C40C8) contains.

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Color

Hex(2C40C8)

Conversions

Conversions Part 1

Format	Color
Hex	2C40C8
RGB	44, 64, 200
RGB Percent	17%, 25%, 78%
CMY	0.8275, 0.7490, 0.2157
CMYK	0.78, 0.68, 0.00, 0.22
HSL	232°, 64%, 48%
HSV	232°, 78%, 78%
XYZ	13.2974, 8.3724, 55.5588
YIQ	73.5240, -55.5760, 38.0560

Conversions

Conversions Part 2

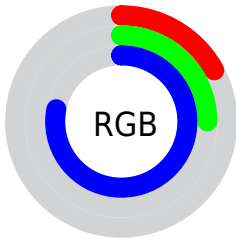
Format	Color
R_{YB}	44, 62, 200
Decimal	2900168
CIE _{Lab}	34.75, 40.83, -72.32
CIE _{LCh}	35, 83.053, 299.446
Yxy	8.3724, 0.1722, 0.1084
Android (android.graphics.Color)	4281090248 (0xFF2C40C8)
YUV	73.5240, 62.3527, -25.8925
Hunter-Lab	28.9351, 31.3952, -93.5892

Details

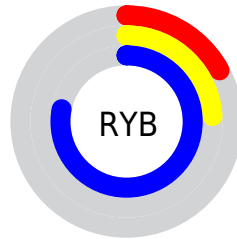
The Hex color **2C40C8** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C8B42C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7370FF**, and **001591** is the 20% darker color. If you saturate the color by 10%, you get **182FC8**, and if you desaturate by 10%, it is **4051C8**.

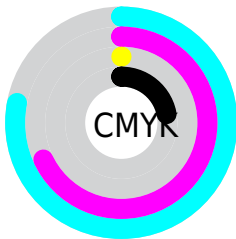
Distribution



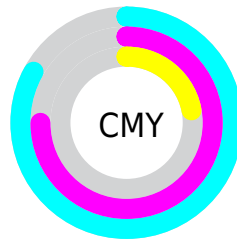
- Red (17%)
- Green (25%)
- Blue (78%)



- Red (17%)
- Yellow (24%)
- Blue (78%)



- Cyan (78%)
- Magenta (68%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (75%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C40C8 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 2C40C8 by changing the saturation by 10% instead.

■ 2C40C8

■ 2C40C8

FFFFFF

■ 002AAC

■ 7370FF

■ 001591

■ 928AFF

■ 000276

■ B1A4FF

■ 00005C

■ CFBFFF

■ 000744

■ EEDBFF

■ 00032D

■ FFF8FF

■ 000117

■ 000000

■ 2C40C8

■ 2C40C8

■ 182FC8

■ 4051C8

■ 041DC8

■ 5463C8

■ 001AC8

■ 6874C8

■ 7C86C8

■ 9097C8

■ A4A9C8

■ B8BAC8

■ CCCBC8

■ E0DDC8

Harmonies

Analogous

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



005DDA



2C40C8



9B0097

Triad

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



2C40C8



972D00



00694F

Complementary

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



2C40C8



C8B42C

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.



006600



2C40C8



664F00

Square

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



2C40C8



B70016



1A5F00



006B92

Rectangle

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



2C40C8



B6006C



1A5F00



006937

Sweetspot

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



2C40C8



C4CCFF



2CC8B3



5C6080



000000



808080

Same Dimension

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



2C40C8



0F2EFF



652CC8



5A5B63



0015A3



000524

Inverse Universe

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



C82C40



FF0F2E



8FC82C



635A5B



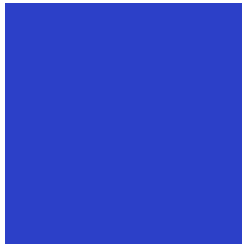
A30015



240005

Previews

White Background



This preview shows how the Hex color 2C40C8 looks on a white background.

Color Contrast Check

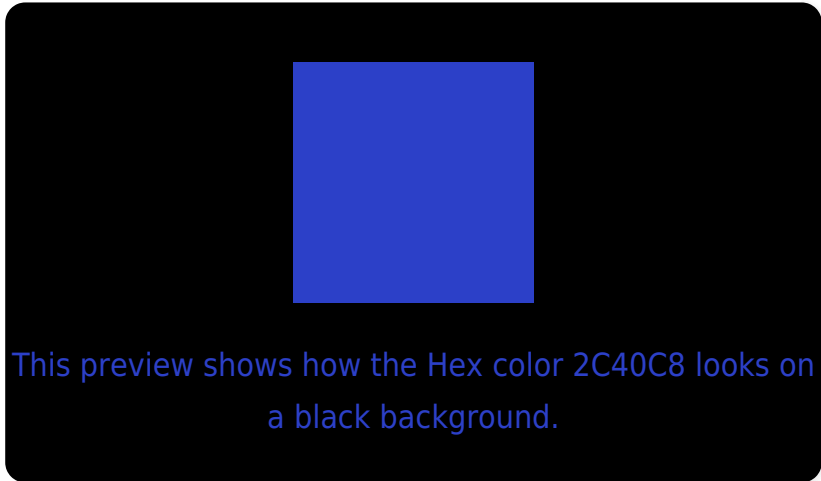
Large Text (above 18pt) WCAG AA ✓ Pass

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

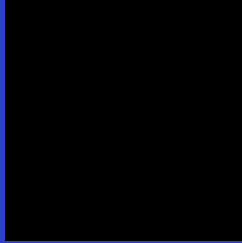
Any Text WCAG AA × Fail

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 2C40C8 Background



This preview shows how black text looks on a background with the Hex color 2C40C8.



This preview shows how white text looks on a background with the Hex color 2C40C8.

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



Trichromacy



Original Color
2C40C8

Deuteranomaly
104DA2

Tritanomaly
105186

Monochromacy



Original Color
2C40C8

Achromatopsia
4A4A4A

Achromatomaly
3F4678

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C40C8 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 #2C40C8 looks like.

```
.text, #text, p{  
    color:#2C40C8  
}
```

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 #2C40C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C40C8
}
```

Border

The CSS property to change the border of an element to Hex 2C40C8 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
#2C40C8 }
```

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

```
.border{ border-color:#2C40C8 }
```

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

Here you see how a box with a 4 pixel #2C40C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C40C8; -webkit-box-shadow:4px 4px  
4px 4px #2C40C8; box-shadow:4px 4px 4px  
4px #2C40C8 }
```

Background

The CSS property to change the background color of an element to Hex 2C40C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C40C8 }
```

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

```
.background{ background-color:#2C40C8 }
```

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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