

Converting Colors

Hex(2C2DC8)

Have a look what the booklet for
Hex(2C2DC8) contains.

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Color

Hex(2C2DC8)

Conversions

Conversions Part 1

Format	Color
Hex	2C2DC8
RGB	44, 45, 200
RGB Percent	17%, 18%, 78%
CMY	0.8275, 0.8235, 0.2157
CMYK	0.78, 0.77, 0.00, 0.22
HSL	240°, 64%, 48%
HSV	240°, 78%, 78%
XYZ	12.4024, 6.5824, 55.2604
YIQ	62.3710, -50.3510, 47.9930

Conversions

Conversions Part 2

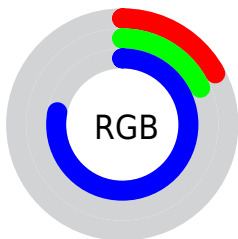
Format	Color
R_{YB}	44, 45, 200
Decimal	2895304
CIE _{Lab}	30.84, 51.72, -78.78
CIE _{LCh}	31, 94.242, 303.288
Yxy	6.5824, 0.1670, 0.0887
Android (android.graphics.Color)	4281085384 (0xFF2C2DC8)
YUV	62.3710, 67.8511, -16.1114
Hunter-Lab	25.6561, 41.3903, -109.7447

Details

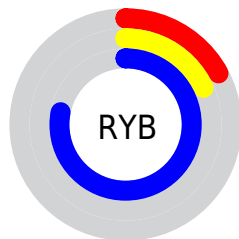
The Hex color **2C2DC8** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C8C72C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **755EFF**, and **000090** is the 20% darker color. If you saturate the color by 10%, you get **1819C8**, and if you desaturate by 10%, it is **4041C8**.

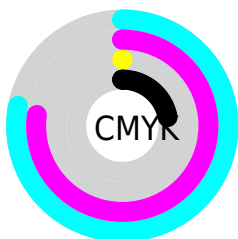
Distribution



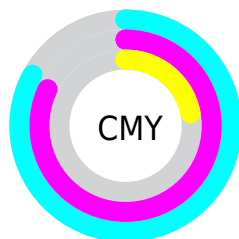
- Red (17%)
- Green (18%)
- Blue (78%)



- Red (17%)
- Yellow (18%)
- Blue (78%)



- Cyan (78%)
- Magenta (77%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (82%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2DC8 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 2C2DC8 by changing the saturation by 10% instead.

 2C2DC8

 2C2DC8

FFFFFF

 0015AC

 755EFF

 000090

 9477FF

 000076

 B391FF

 00045C

 D2ACFF

 000743

 F1C8FF

 00032C

 FFE4FF

 000117

 000000

 2C2DC8

 2C2DC8

■ 1819C8

■ 4041C8

■ 0405C8

■ 5455C8

■ 0001C8

■ 6869C8

■ 7C7CC8

■ 9090C8

■ A4A4C8

■ B8B8C8

■ CCCCC8

■ E0E0C8

Harmonies

Analogous

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



0054E2



2C2DC8



9F008D

Triad

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



2C2DC8



8B2200



00604F

Complementary

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



2C2DC8



C8C72C

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.



005E00



2C2DC8



534A00

Square

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



2C2DC8



B20000



005800



00629A

Rectangle

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



2C2DC8



B8005D



005800



006035

Sweetspot

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



2C2DC8



C4C5FF



2CC8C5



5C5C80



000000



808080

Same Dimension

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



2C2DC8



0F11FF



772CC8



5A5A63



0001A3



000024

Inverse Universe

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



C82C2D



FF0F11



7DC82C



635A5A



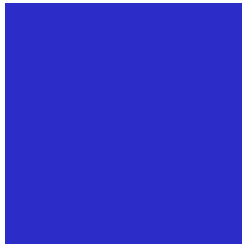
A30001



240000

Previews

White Background



This preview shows how the Hex color 2C2DC8 looks on a white background.

Color Contrast Check

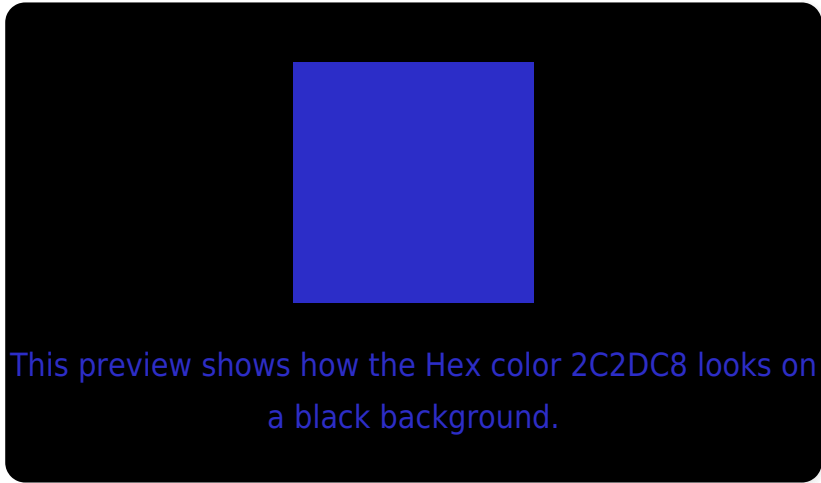
Large Text (above 18pt) WCAG AA ✓ Pass

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

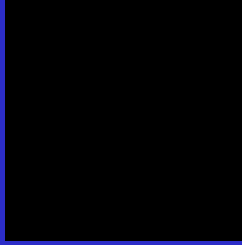
Any Text WCAG AA × Fail

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 2C2DC8 Background



This preview shows how black text looks on a background with the Hex color 2C2DC8.



This preview shows how white text looks on a background with the Hex color 2C2DC8.

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
2C2DC8

Protanopia
004693

Deuteranopia
004B7D

Trichromacy



Original Color
2C2DC8

Protanomaly
103DA6

Deuteranomaly
104098

Tritanomaly
10437F

Monochromacy



Original Color
2C2DC8

Achromatopsia
3E3E3E

Achromatomaly
373870

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2DC8 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 #2C2DC8 looks like.

```
.text, #text, p{  
    color:#2C2DC8  
}
```

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 #2C2DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2DC8
}
```

Border

The CSS property to change the border of an element to Hex 2C2DC8 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
#2C2DC8 }
```

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

```
.border{ border-color:#2C2DC8 }
```

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

Here you see how a box with a 4 pixel #2C2DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2DC8; -webkit-box-shadow:4px 4px  
4px 4px #2C2DC8; box-shadow:4px 4px 4px  
4px #2C2DC8 }
```

Background

The CSS property to change the background color of an element to Hex 2C2DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2DC8 }
```

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

```
.background{ background-color:#2C2DC8 }
```

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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