

Converting Colors

Hex(2409C0)

Have a look what the booklet for
Hex(2409C0) contains.

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Color

Hex(2409C0)

Conversions

Conversions Part 1

Format	Color
Hex	2409C0
RGB	36, 9, 192
RGB Percent	14%, 4%, 75%
CMY	0.8588, 0.9647, 0.2471
CMYK	0.81, 0.95, 0.00, 0.25
HSL	249°, 91%, 39%
HSV	249°, 95%, 75%
XYZ	10.3397, 4.3762, 50.1689
YIQ	37.9350, -42.6510, 62.6370

Conversions

Conversions Part 2

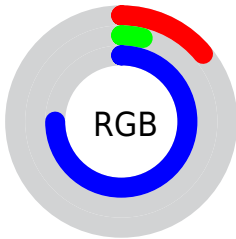
Format	Color
R _Y B	36, 9, 192
Decimal	2361792
CIE Lab	24.88, 62.49, -83.99
CIE LCh	25, 104.688, 306.647
Yxy	4.3762, 0.1594, 0.0674
Android (android.graphics.Color)	4280551872 (0xFF2409C0)
YUV	37.9350, 75.9540, -1.6970
Hunter-Lab	20.9194, 51.6169, -127.5457

Details

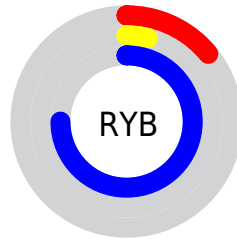
The Hex color **2409C0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A5C009**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7143FA**, and **000089** is the 20% darker color. If you saturate the color by 10%, you get **1C00C0**, and if you desaturate by 10%, it is **341CC0**.

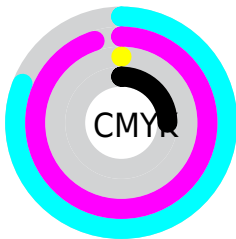
Distribution



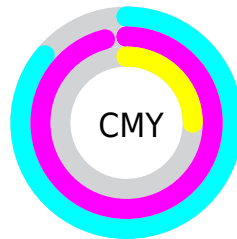
- Red (14%)
- Green (4%)
- Blue (75%)



- Red (14%)
- Yellow (4%)
- Blue (75%)



- Cyan (81%)
- Magenta (95%)
- Yellow (0%)
- Black (25%)



- Cyan (86%)
- Magenta (96%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2409C0 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 2409C0 by changing the saturation by 10% instead.

 2409C0


 2409C0

FFFFFF

 0000A4

 7143FA

 000089

 915DFF

 00006E

 B078FF

 000C55

 CF93FF

 00063C

 EEAEFF

 000226

 FFCAFF

 00010E

 FFE7FF

 000000

 2409C0

 2409C0

■ 1C00C0

■ 341CC0

■ 452FC0

■ 5543C0

■ 6556C0

■ 7669C0

■ 867CC0

■ 978FC0

■ A7A3C0

■ B7B6C0

Harmonies

Analogous

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



0047E2



2409C0



9D007C

Triad

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



2409C0



781200



00524C

Complementary

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



2409C0



A5C009

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.



005000



2409C0



393F00

Square

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



2409C0



A30000



004B00



00559B

Rectangle

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



2409C0



B20048



004B00



005130

Sweetspot

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



2409C0



BCB1FA



09A8C0



58517D



FCFCFC



7D7D7D

Same Dimension

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



2409C0



2500FA



7D09C0



595761



1800A1



050021

Inverse Universe

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



C009A5



FA00D5



4CC009



61575F



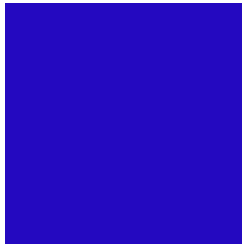
A10089



21001C

Previews

White Background



This preview shows how the Hex color 2409C0 looks on a white background.

Color Contrast Check

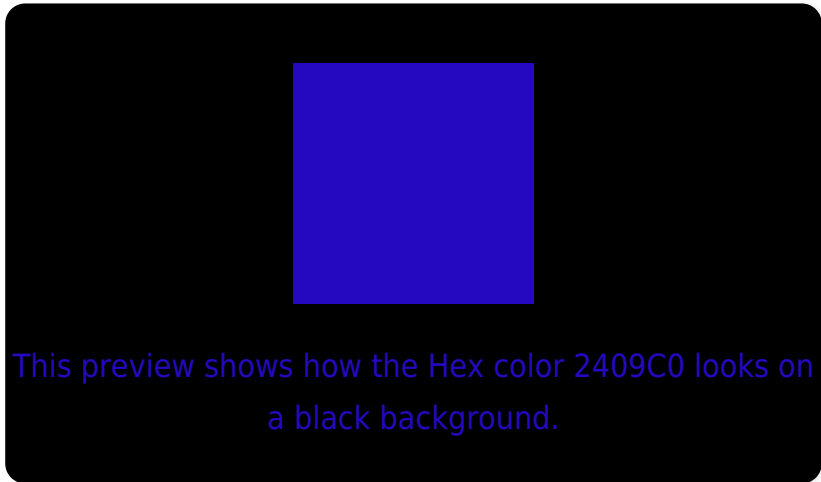
Large Text (above 18pt) WCAG AA ✓ Pass

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

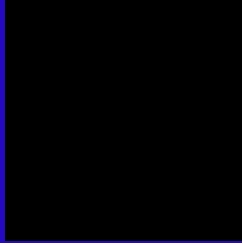
Any Text WCAG AA × Fail

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 2409C0 Background



This preview shows how black text looks on a background with the Hex color 2409C0.



This preview shows how white text looks on a background with the Hex color 2409C0.

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
2409C0

Protanopia
003A7A

Deuteranopia
003E68

Trichromacy



Original Color
2409C0

Protanomaly
0D2893

Deuteranomaly
0D2B88

Monochromacy



Original Color
2409C0

Achromatopsia
262626

Achromatomaly
251B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2409C0 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 #2409C0 looks like.

```
.text, #text, p{  
    color:#2409C0  
}
```

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 #2409C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2409C0
}
```

Border

The CSS property to change the border of an element to Hex 2409C0 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
#2409C0 }
```

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

```
.border{ border-color:#2409C0 }
```

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

Here you see how a box with a 4 pixel #2409C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2409C0; -webkit-box-shadow:4px 4px  
4px 4px #2409C0; box-shadow:4px 4px 4px  
4px #2409C0 }
```

Background

The CSS property to change the background color of an element to Hex 2409C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2409C0 }
```

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

```
.background{ background-color:#2409C0 }
```

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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