

# Converting Colors

Hex(C41E9A)

Have a look what the booklet for  
Hex(C41E9A) contains.

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**Color**

**Hex(C41E9A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C41E9A                    |
| RGB           | 196, 30, 154              |
| RGB Percent   | 77%, 12%, 60%             |
| CMY           | 0.2314, 0.8824, 0.3961    |
| CMYK          | 0.00, 0.85, 0.21, 0.23    |
| HSL           | 315°, 73%, 44%            |
| HSV           | 315°, 85%, 77%            |
| XYZ           | 29.0620, 14.9974, 31.9349 |
| YIQ           | 93.7700, 59.1320, 73.7560 |

# Conversions

## Conversions Part 2

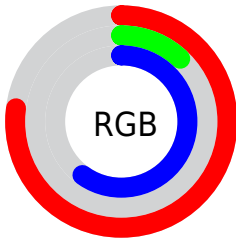
| Format                              | Color                                          |
|-------------------------------------|------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">196, 30, 154</a>                   |
| Decimal                             | <a href="#">12852890</a>                       |
| CIELab                              | <a href="#">45.63, 71.20, -26.62</a>           |
| CIElCh                              | <a href="#">46, 76.012, 339.498</a>            |
| Yxy                                 | <a href="#">14.9974, 0.3824,<br/>0.1973</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4291042970<br/>(0xFFC41E9A)</a>    |
| YUV                                 | <a href="#">93.7700, 29.6934,<br/>89.6557</a>  |
| Hunter-Lab                          | <a href="#">38.7265, 66.1825,<br/>-21.7836</a> |

# Details

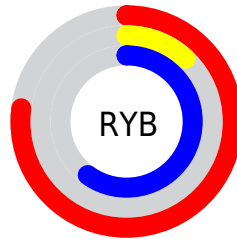
The Hex color **C41E9A** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **1EC448**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF62D1**, and **8A0067** is the 20% darker color. If you saturate the color by 10%, you get **C40A95**, and if you desaturate by 10%, it is **C4329F**.

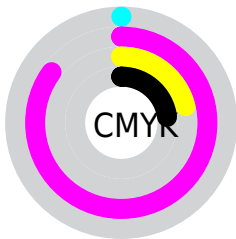
# Distribution



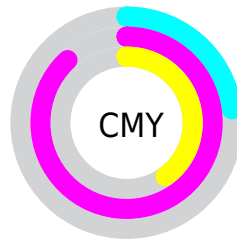
- Red (77%)
- Green (12%)
- Blue (60%)



- Red (77%)
- Yellow (12%)
- Blue (60%)



- Cyan (0%)
- Magenta (85%)
- Yellow (21%)
- Black (23%)



- Cyan (23%)
- Magenta (88%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C41E9A 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 C41E9A by changing the saturation by 10% instead.



 C41E9A

 C41E9A

FFFFFF

 A70080

 FF62D1

 8A0067

 FF7FED

 6D004E

 FF9DFF

 510037

 FFBAFF

 360021

 FFD7FF

 130005

 FFF5FF

 000000

 C41E9A

 C41E9A

 C40A95

 C4329F

 C40092

 C445A4

 C459A9

 C46CAE

 C480B3

 C494B8

 C4A7BD

 C4BBC2

 C4CEC7

# Harmonies

## Analogous

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



834FD0



C41E9A



D8005B

# Triad

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



C41E9A



727000



0086BC

# Complementary

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



C41E9A



1EC448

# 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.



00867F



C41E9A



217D00

# Square

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



C41E9A



A65800



00843C



007FE4

# Rectangle

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



C41E9A



D21F32



00843C



0086AA



# Sweetspot

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



C41E9A



FFBFEF



481EC4



805976



000000



808080



# Same Dimension

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



C41E9A



FF00BE



C41E48



61575E



A10078



210019



# Inverse Universe

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



C41E9A



FF00BE



1EC49B



61575E



A10078



210019



# Previews

## White Background



This preview shows how the Hex color C41E9A looks on a white background.

## Color Contrast Check

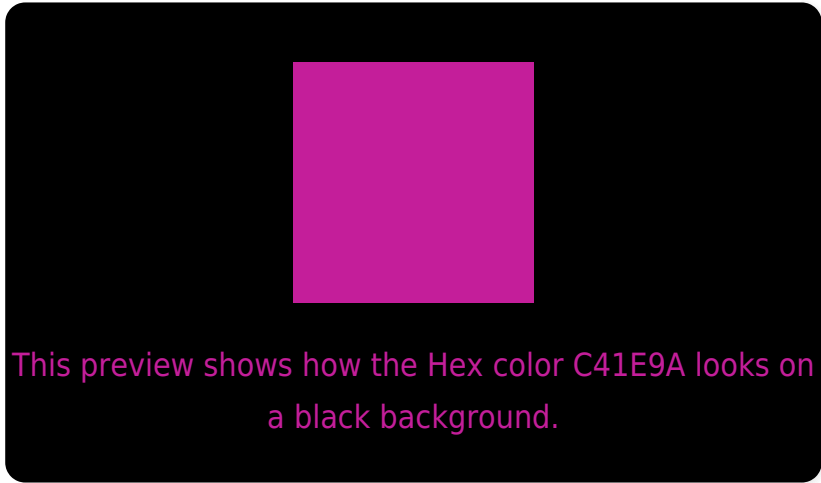
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

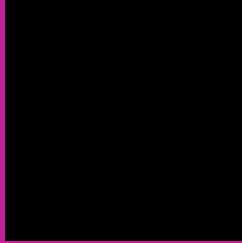
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C41E9A Background



This preview shows how black text looks on a background with the Hex color C41E9A.



This preview shows how white text looks on a background with the Hex color C41E9A.

# 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**  
C41E9A



**Protanomaly**  
654EBF



**Deuteranomaly**  
874F94



**Tritanomaly**  
C03464

# Monochromacy



**Original Color**  
C41E9A



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
834774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C41E9A 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 #C41E9A looks like.

```
.text, #text, p{  
    color:#C41E9A  
}
```

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 #C41E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C41E9A
}
```

## Border

The CSS property to change the border of an element to Hex C41E9A 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
#C41E9A }
```

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

```
.border{ border-color:#C41E9A }
```

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

Here you see how a box with a 4 pixel #C41E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C41E9A; -webkit-box-shadow:4px 4px  
4px 4px #C41E9A; box-shadow:4px 4px 4px  
4px #C41E9A }
```

# Background

The CSS property to change the background color of an element to Hex C41E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C41E9A }
```

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

```
.background{ background-color:#C41E9A }
```

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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