

# Converting Colors

Decimal(14819242)

Have a look what the booklet for  
Decimal(14819242) contains.

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**Color**

**Decimal(14819242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E21FAA
RGB	226, 31, 170
RGB Percent	89%, 12%, 67%
CMY	0.1137, 0.8784, 0.3333
CMYK	0.00, 0.86, 0.25, 0.11
HSL	317°, 77%, 50%
HSV	317°, 86%, 89%
XYZ	39.1097, 20.0510, 39.8391
YIQ	105.1510, 71.6010, 84.5690

# Conversions

## Conversions Part 2

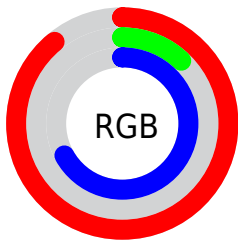
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">226, 31, 170</a>
Decimal	<a href="#">14819242</a>
CIELab	<a href="#">51.89, 79.24, -25.99</a>
CIELCh	<a href="#">52, 83.396, 341.843</a>
Yxy	<a href="#">20.0510, 0.3950, 0.2025</a>
Android (android.graphics.Color)	<a href="#">4293009322 (0xFFE21FAA)</a>
YUV	<a href="#">105.1510, 31.9706, 105.9846</a>
Hunter-Lab	<a href="#">44.7783, 77.5410, -21.4053</a>

# Details

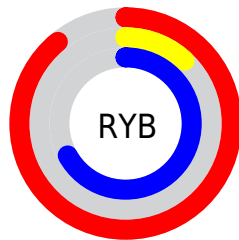
The Decimal color **14819242** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2089559**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16738530**, and **10879094** is the 20% darker color. If you saturate the color by 10%, you get **14813348**, and if you desaturate by 10%, it is **14825136**.

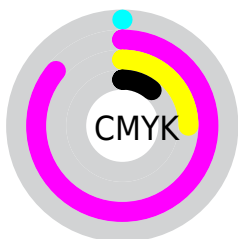
# Distribution



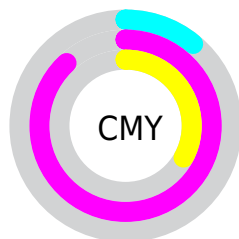
- Red (89%)
- Green (12%)
- Blue (67%)



- Red (89%)
- Yellow (12%)
- Blue (67%)



- Cyan (0%)
- Magenta (86%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (88%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14819242 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 Decimal color 14819242 by changing the saturation by 10% instead.



 14819242

 14819242

16777215

 12845199

 16738530

 10879094

 16746494

 8912989

 16754175

 7012421

 16761855

 5177390

 16769535

 3276825

 196608

 0

 14819242

 14819242

■ 14813348

■ 14825136

■ 14811297

■ 14830775

■ 14836669

■ 14842308

■ 14848202

■ 14854097

■ 14859735

■ 14865630

■ 14871268

# Harmonies

## Analogous

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



10377448



14819242



16056419

# Triad

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



14819242



8225280



39131

# Complementary

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



14819242



2089559

# 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.



39319



14819242



1544192

# Square

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



14819242



12150784



38732



37119

# Rectangle

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



14819242



15543093



38732



39366



# Sweetspot

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



14819242



16760300



5644258



8411252



0



8421504



# Same Dimension

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



14819242



16711862



14819145



7365997



11534461



3145763



# Inverse Universe

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



14819242



16711862



2089656



7365997



11534461



3145763



# Previews

## White Background



This preview shows how the Decimal color 14819242 looks on a white background.

## Color Contrast Check

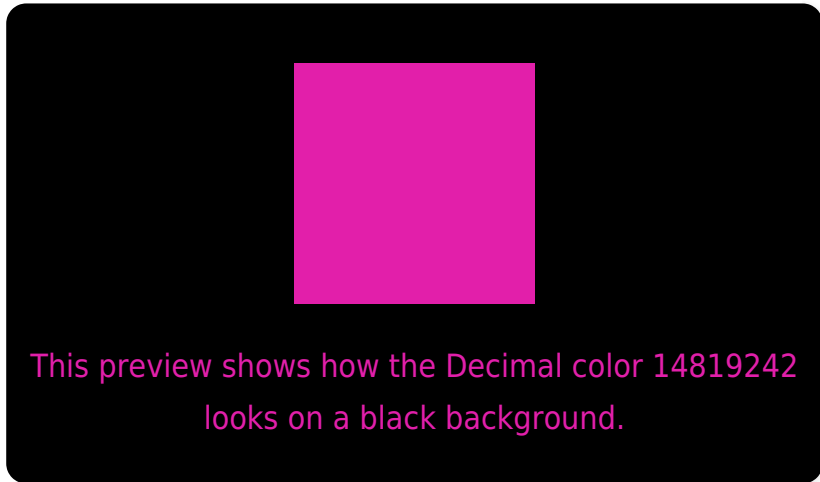
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 14819242 Background



This preview shows how black text looks on a background with the Decimal color 14819242.



This preview shows how white text looks on a background with the Decimal color 14819242.

# 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





**Tritanopia**  
14370891

# Trichromacy



**Original Color**

14819242



**Protanomaly**

7952596



**Deuteranomaly**

10312099



**Tritanomaly**

14563694

# Monochromacy



**Original Color**

14819242



**Achromatopsia**

6908265



**Achromatomaly**

9784961

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14819242 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 #E21FAA looks like.

```
.text, #text, p{  
    color:#E21FAA  
}
```

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 #E21FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E21FAA
}
```

## Border

The CSS property to change the border of an element to Decimal 14819242 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
#E21FAA }
```

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

```
.border{ border-color:#E21FAA }
```

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

Here you see how a box with a 4 pixel #E21FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E21FAA; -webkit-box-shadow:4px 4px  
4px 4px #E21FAA; box-shadow:4px 4px 4px  
4px #E21FAA }
```

# Background

The CSS property to change the background color of an element to Decimal 14819242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E21FAA }
```

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

```
.background{ background-color:#E21FAA }
```

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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