

# Converting Colors

Decimal(13046953)

Have a look what the booklet for  
Decimal(13046953) contains.

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**Color**

**Decimal(13046953)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C714A9
RGB	199, 20, 169
RGB Percent	78%, 8%, 66%
CMY	0.2196, 0.9216, 0.3373
CMYK	0.00, 0.90, 0.15, 0.22
HSL	310°, 82%, 43%
HSV	310°, 90%, 78%
XYZ	30.9648, 15.5070, 38.8972
YIQ	90.5070, 58.8550, 84.2870

# Conversions

## Conversions Part 2

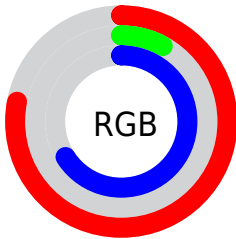
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 20, 169
Decimal	13046953
CIE Lab	46.32, 75.42, -34.46
CIE LCh	46, 82.919, 335.443
Yxy	15.5070, 0.3627, 0.1816
Android (android.graphics.Color)	4291237033 (0xFFC714A9)
YUV	90.5070, 38.6970, 95.1484
Hunter-Lab	39.3789, 71.4465, -30.9995

# Details

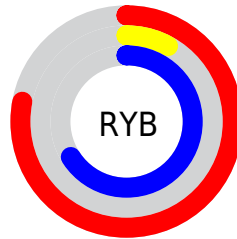
The Decimal color **13046953** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **1361714**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16736225**, and **9175156** is the 20% darker color. If you saturate the color by 10%, you get **13041830**, and if you desaturate by 10%, it is **13052076**.

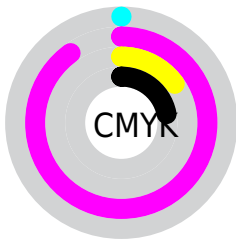
# Distribution



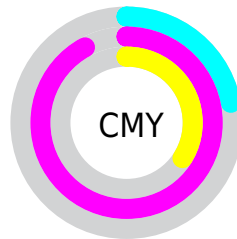
- Red (78%)
- Green (8%)
- Blue (66%)



- Red (78%)
- Yellow (8%)
- Blue (66%)



- Cyan (0%)
- Magenta (90%)
- Yellow (15%)
- Black (22%)



- Cyan (22%)
- Magenta (92%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13046953 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 13046953 by changing the saturation by 10% instead.



 13046953

 13046953

16777215

 11075726

 16736225

 9175156

 16743933

 7340123

 16751615

 5439555

 16759039

 3735597

 16766719

 1572886

 16774399

 0

 13046953

 13046953

 13041830

 13052076

 13057200

 13062323

 13067446

 13072570

 13077437

 13082560

 13087684

 13092807

# Harmonies

## Analogous

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



7754721



13046953



14811237

# Triad

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



13046953



8089344



35518

# Complementary

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



13046953



1361714

# 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.



35193



13046953



2653952

# Square

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



13046953



11686656



34350



34030

# Rectangle

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



13046953



14614583



34350



35496



# Sweetspot

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



13046953



16759539



3282119



8411001



0



8421504



# Same Dimension

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



13046953



16711892



13046864



6511202



10682504



2359326



# Inverse Universe

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



13046953



16711892



1361803



6511202



10682504



2359326



# Previews

## White Background



This preview shows how the Decimal color 13046953 looks on a white background.

## Color Contrast Check

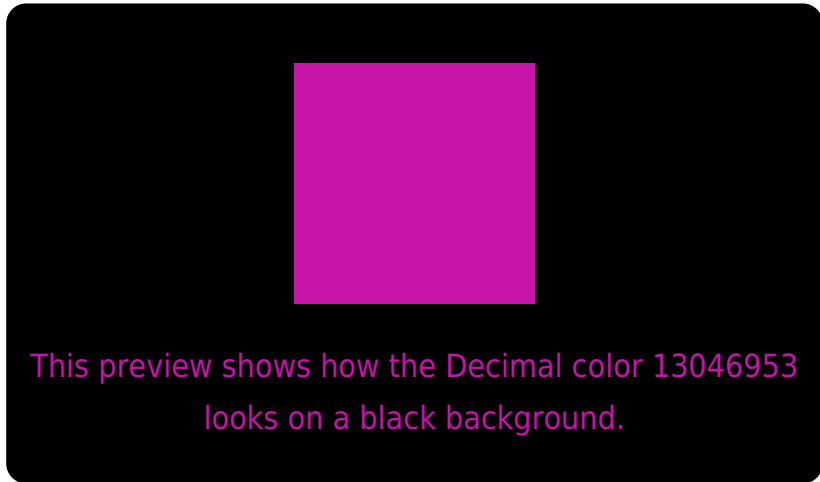
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 13046953 Background



This preview shows how black text looks on a background with the Decimal color 13046953.



This preview shows how white text looks on a background with the Decimal color 13046953.

# 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**  
13046953



**Protanomaly**  
4737999



**Deuteranomaly**  
8670627



**Tritanomaly**  
12661611

# Monochromacy



**Original Color**  
13046953



**Achromatopsia**  
5987163



**Achromatomaly**  
8536439

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13046953 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 #C714A9 looks like.

```
.text, #text, p{  
    color:#C714A9  
}
```

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 #C714A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C714A9
}
```

## Border

The CSS property to change the border of an element to Decimal 13046953 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
#C714A9 }
```

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

```
.border{ border-color:#C714A9 }
```

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

Here you see how a box with a 4 pixel #C714A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C714A9; -webkit-box-shadow:4px 4px  
4px 4px #C714A9; box-shadow:4px 4px 4px  
4px #C714A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13046953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C714A9 }
```

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

```
.background{ background-color:#C714A9 }
```

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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