

# Converting Colors

Decimal(12935077)

Have a look what the booklet for  
Decimal(12935077) contains.

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# Color

**Decimal(12935077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C55FA5
RGB	197, 95, 165
RGB Percent	77%, 37%, 65%
CMY	0.2275, 0.6275, 0.3529
CMYK	0.00, 0.52, 0.16, 0.23
HSL	319°, 47%, 57%
HSV	319°, 52%, 77%
XYZ	33.9097, 22.7713, 38.2054
YIQ	133.4780, 38.3220, 43.3940

# Conversions

## Conversions Part 2

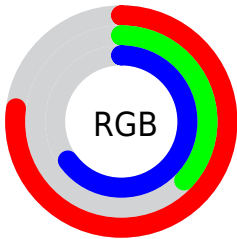
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 95, 165
Decimal	12935077
CIELab	54.84, 49.29, -18.93
CIELCh	55, 52.805, 338.988
Yxy	22.7713, 0.3574, 0.2400
Android (android.graphics.Color)	4291125157 (0xFFC55FA5)
YUV	133.4780, 15.5403, 55.7088
Hunter-Lab	47.7193, 43.3345, -14.0656

# Details

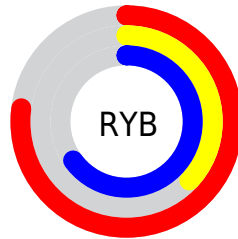
The Decimal color **12935077** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **6276479**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16750044**, and **9251185** is the 20% darker color. If you saturate the color by 10%, you get **12929951**, and if you desaturate by 10%, it is **12940203**.

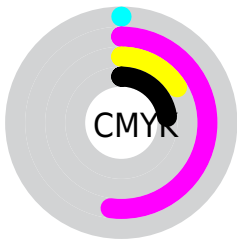
# Distribution



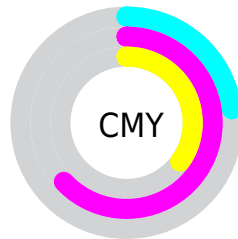
- Red (77%)
- Green (37%)
- Blue (65%)



- Red (77%)
- Yellow (37%)
- Blue (65%)



- Cyan (0%)
- Magenta (52%)
- Yellow (16%)
- Black (23%)



- Cyan (23%)
- Magenta (63%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12935077 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 12935077 by changing the saturation by 10% instead.



12935077

12935077

16777215

11093131

16750044

9251185

16757241

7406936

16764415

5701697

16771839

3997739

2359318

0

12935077

12935077

12929951

12940203

12925081

12945073

12919954

12950200

12914828

12955326

12910727

12960452

12965322

12970448

12975574

12976093

# Harmonies

## Analogous

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



9925067



12935077



14047607

# Triad

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



12935077



9405727



39100

# Complementary

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



12935077



6276479

# 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.



39312



12935077



6132023

# Square

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



12935077



11892010



38753



37336

# Rectangle

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



12935077



13917786



38753



39342



# Sweetspot

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



12935077



16766706



8282053



8415096



0



8421504



# Same Dimension

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



12935077



16736717



12935027



6511200



10682480



2359321



# Inverse Universe

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



12935077



16736717



6276529



6511200



10682480



2359321



# Previews

## White Background



This preview shows how the Decimal color 12935077 looks on a white background.

## Color Contrast Check

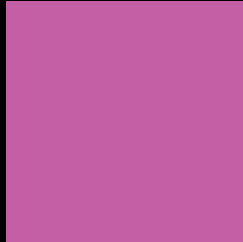
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12935077 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

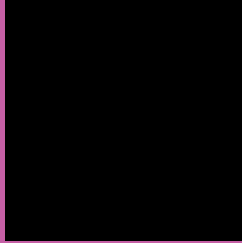
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12935077 Background



This preview shows how black text looks on a background with the Decimal color 12935077.



This preview shows how white text looks on a background with the Decimal color 12935077.

# 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**  
12935077



**Protanomaly**  
9401782



**Deuteranomaly**  
10188193

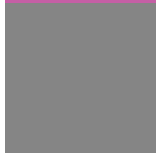


**Tritanomaly**  
12740229

# Monochromacy



**Original Color**  
12935077



**Achromatopsia**  
8750469



**Achromatomaly**  
10254225

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12935077 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 #C55FA5 looks like.

```
.text, #text, p{  
  color:#C55FA5  
}
```

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 #C55FA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55FA5
}
```

## Border

The CSS property to change the border of an element to Decimal 12935077 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
#C55FA5 }
```

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

```
.border{ border-color:#C55FA5 }
```

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

Here you see how a box with a 4 pixel #C55FA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55FA5; -webkit-box-shadow:4px 4px  
4px 4px #C55FA5; box-shadow:4px 4px 4px  
4px #C55FA5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12935077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55FA5 }
```

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

```
.background{ background-color:#C55FA5 }
```

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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