

# Converting Colors

Decimal(12586972)

Have a look what the booklet for  
Decimal(12586972) contains.

<b>Decimal(12586972)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(12586972)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C00FDC
RGB	192, 15, 220
RGB Percent	75%, 6%, 86%
CMY	0.2471, 0.9412, 0.1373
CMYK	0.13, 0.93, 0.00, 0.14
HSL	292°, 87%, 46%
HSV	292°, 93%, 86%
XYZ	34.8273, 16.7154, 69.1009
YIQ	91.2930, 39.6870, 101.2790

# Conversions

## Conversions Part 2

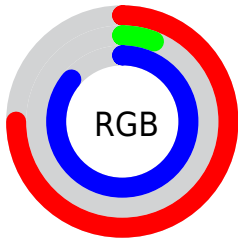
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 15, 220
Decimal	12586972
CIELab	47.90, 82.36, -61.70
CIElCh	48, 102.911, 323.162
Yxy	16.7154, 0.2887, 0.1386
Android (android.graphics.Color)	4290777052 (0xFFC00FDC)
YUV	91.2930, 63.4526, 88.3200
Hunter-Lab	40.8845, 80.5067, -71.5899

# Details

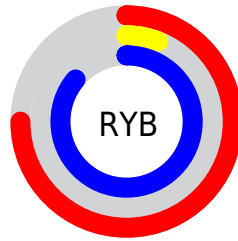
The Decimal color **12586972** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **2874383**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16605183**, and **8716452** is the 20% darker color. If you saturate the color by 10%, you get **12452060**, and if you desaturate by 10%, it is **12789212**.

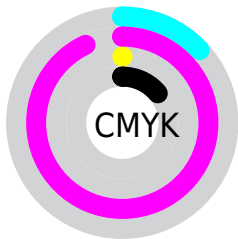
# Distribution



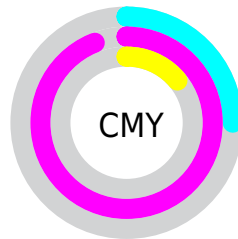
- Red (75%)
- Green (6%)
- Blue (86%)



- Red (75%)
- Yellow (6%)
- Blue (86%)



- Cyan (13%)
- Magenta (93%)
- Yellow (0%)
- Black (14%)





















- Cyan (25%)
- Magenta (94%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12586972 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 12586972 by changing the saturation by 10% instead.



 12586972	 12586972
 16777215	 10617024
 16605183	 8716452
 16743935	 6815881
 16751615	 4915311
 16759295	 3080277
 16766975	 458813
 16774655	 550
	 271
	 0

■ 12586972

■ 12586972

■ 12452060

■ 12789212

■ 12991452

■ 13193692

■ 13395932

■ 13598172

■ 13800412

■ 14002652

■ 14204892

■ 14407132

# Harmonies

## Analogous

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



26111



12586972



16318602

# Triad

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



12586972



10184704



37557

# Complementary

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



12586972



2874383

# 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.



36954



12586972



4686080

# Square

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



12586972



14168320



35840



37375

# Rectangle

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



12586972



16711761



35840



37527



# Sweetspot

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



12586972



16103679



995036



8017024



0



8421504



# Same Dimension

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



12586972



14418175



14421908



7103342



9830573



2621486



# Inverse Universe

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



14421803



16711715



1039447



7234404



11337752



3014662



# Previews

## White Background



This preview shows how the Decimal color 12586972 looks on a white background.

## Color Contrast Check

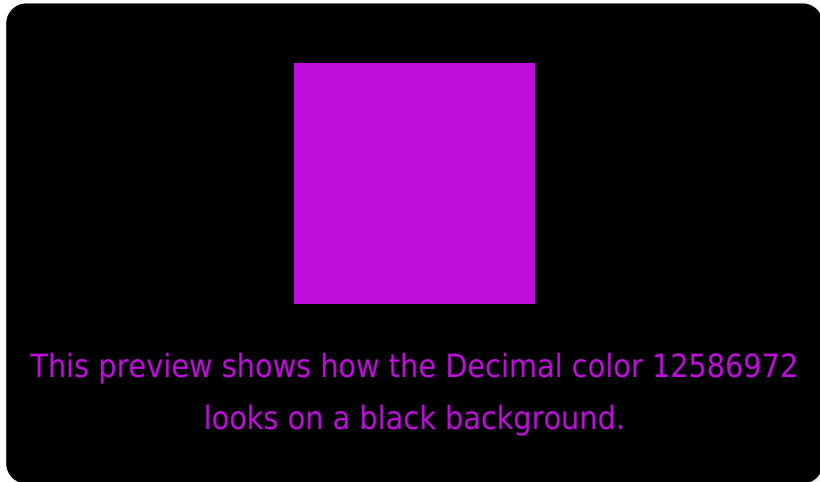
Large Text (above 18pt) WCAG AA ✓ Pass

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

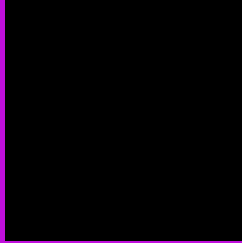
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12586972 Background



This preview shows how black text looks on a background with the Decimal color 12586972.

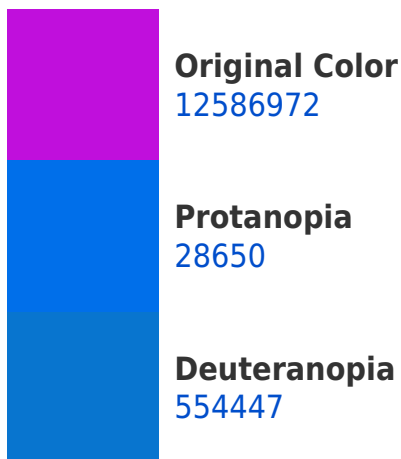



This preview shows how white text looks on a background with the Decimal color 12586972.

# 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**  
11556701

# Trichromacy



**Original Color**

12586972



**Protanomaly**

4607205



**Deuteranomaly**

4935892



**Tritanomaly**

11943307

# Monochromacy



**Original Color**

12586972



**Achromatopsia**

5987163



**Achromatomaly**

8404874

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12586972 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 #C00FDC looks like.

```
.text, #text, p{  
    color:#C00FDC  
}
```

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 #C00FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00FDC
}
```

## Border

The CSS property to change the border of an element to Decimal 12586972 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".

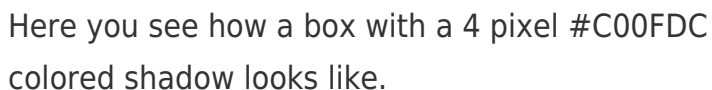
```
.border, #border, table{ border:4px solid
#C00FDC }
```

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

```
.border{ border-color:#C00FDC }
```

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

Here you see how a box with a 4 pixel #C00FDC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00FDC; -webkit-box-shadow:4px 4px  
4px 4px #C00FDC; box-shadow:4px 4px 4px  
4px #C00FDC }
```

# Background

The CSS property to change the background color of an element to Decimal 12586972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00FDC }
```

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

```
.background{ background-color:#C00FDC }
```

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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