

# Converting Colors

Decimal(12657009)

Have a look what the booklet for  
Decimal(12657009) contains.

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**Color**

**Decimal(12657009)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C12171
RGB	193, 33, 113
RGB Percent	76%, 13%, 44%
CMY	0.2431, 0.8706, 0.5569
CMYK	0.00, 0.83, 0.41, 0.24
HSL	330°, 71%, 44%
HSV	330°, 83%, 76%
XYZ	25.5168, 13.6174, 16.9063
YIQ	89.9600, 69.6800, 58.8000

# Conversions

## Conversions Part 2

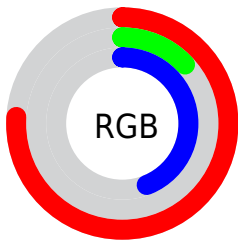
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 33, 113
Decimal	12657009
CIE <sub>Lab</sub>	43.68, 65.31, -4.60
CIE <sub>LCh</sub>	44, 65.476, 355.970
Yxy	13.6174, 0.4553, 0.2430
Android (android.graphics.Color)	4290847089 (0xFFC12171)
YUV	89.9600, 11.3587, 90.3661
Hunter-Lab	36.9018, 58.8508, -1.3321

# Details

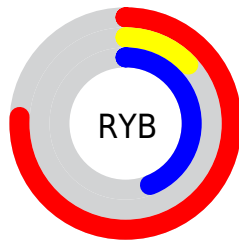
The Decimal color **12657009** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **2212209**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16671397**, and **8781889** is the 20% darker color. If you saturate the color by 10%, you get **12652135**, and if you desaturate by 10%, it is **12661883**.

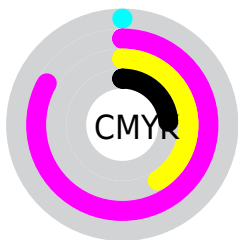
# Distribution



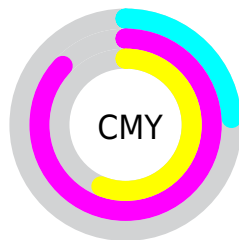
- Red (76%)
- Green (13%)
- Blue (44%)



- Red (76%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (83%)
- Yellow (41%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12657009 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 12657009 by changing the saturation by 10% instead.



 12657009

 12657009

16777215

 10682457

 16671397

 8781889

 16744128

 6881323

 16751580

 5046295

 16759032

 3211266

 16766463

 0

 16774143

 12657009

 12657009

 12652135

 12661883

■ 12648545

■ 12667012

■ 12671886

■ 12676760

■ 12681889

■ 12686763

■ 12691637

■ 12696510

■ 12701640

# Harmonies

## Analogous

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



10501797



12657009



12725307

# Triad

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



12657009



5206528



31681

# Complementary

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



12657009



2212209

# 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.



32662



12657009



31268

# Square

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



12657009



8676096



32350



28885

# Rectangle

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



12657009



11878424



32350



32181



# Sweetspot

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



12657009



16432091



7414209



8214378



16579836



8224125



# Same Dimension

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



12657009



16384638



12656929



6379356



10551376



2162705



# Inverse Universe

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



12657009



16384638



2212289



6379356



10551376



2162705



# Previews

## White Background



This preview shows how the Decimal color 12657009 looks on a white background.

## Color Contrast Check

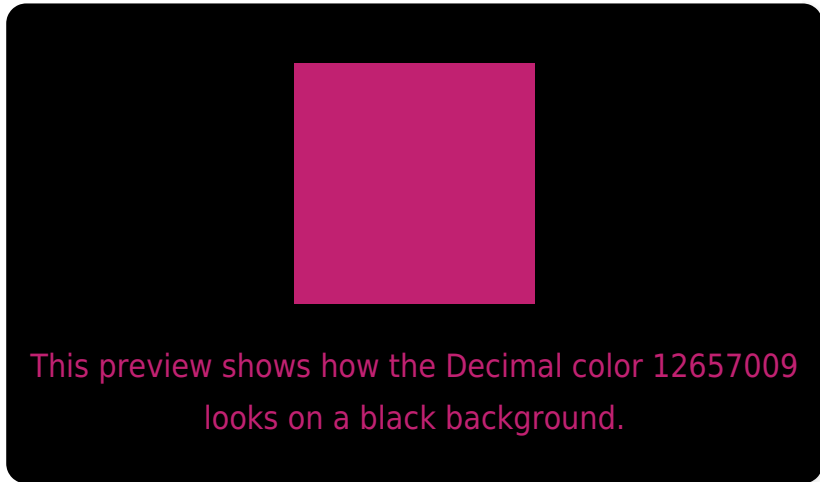
Large Text (above 18pt) WCAG AA ✓ Pass

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 12657009 Background



This preview shows how black text looks on a background with the Decimal color 12657009.



This preview shows how white text looks on a background with the Decimal color 12657009.

# 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



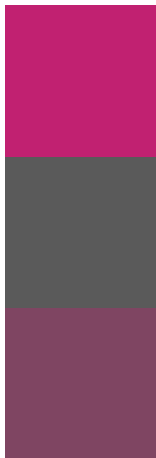
**Original Color**  
12657009

**Protanomaly**  
8212108

**Deuteranomaly**  
9391212

**Tritanomaly**  
12529228

# Monochromacy



**Original Color**  
12657009

**Achromatopsia**  
5921370

**Achromatomaly**  
8340834

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12657009 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 #C12171 looks like.

```
.text, #text, p{  
    color:#C12171  
}
```

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 #C12171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12171
}
```

## Border

The CSS property to change the border of an element to Decimal 12657009 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
#C12171 }
```

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

```
.border{ border-color:#C12171 }
```

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

Here you see how a box with a 4 pixel #C12171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12171; -webkit-box-shadow:4px 4px  
4px 4px #C12171; box-shadow:4px 4px 4px  
4px #C12171 }
```

# Background

The CSS property to change the background color of an element to Decimal 12657009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12171 }
```

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

```
.background{ background-color:#C12171 }
```

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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