

# Converting Colors

Decimal(12879525)

Have a look what the booklet for  
Decimal(12879525) contains.

<b>Decimal(12879525)</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(12879525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C486A5
RGB	196, 134, 165
RGB Percent	77%, 53%, 65%
CMY	0.2314, 0.4745, 0.3529
CMYK	0.00, 0.32, 0.16, 0.23
HSL	330°, 34%, 65%
HSV	330°, 32%, 77%
XYZ	38.0816, 31.5026, 39.6708
YIQ	156.0720, 27.0010, 22.7850

# Conversions

## Conversions Part 2

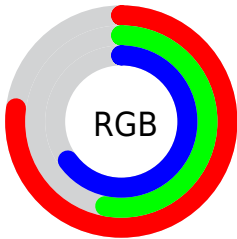
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 134, 165
Decimal	12879525
CIE <sub>Lab</sub>	62.93, 28.39, -6.76
CIE <sub>LCh</sub>	63, 29.186, 346.607
Yxy	31.5026, 0.3486, 0.2883
Android (android.graphics.Color)	4291069605 (0xFFC486A5)
YUV	156.0720, 4.4015, 35.0169
Hunter-Lab	56.1271, 22.8875, -2.6173

# Details

The Decimal color **12879525** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8832165**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16628956**, and **9261937** is the 20% darker color. If you saturate the color by 10%, you get **12874395**, and if you desaturate by 10%, it is **12884655**.

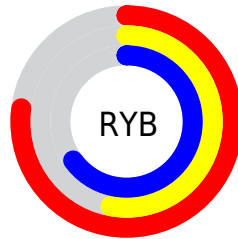
# Distribution



Red (77%)

Green (53%)

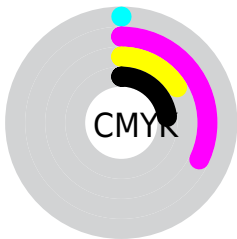
Blue (65%)



Red (77%)

Yellow (53%)

Blue (65%)

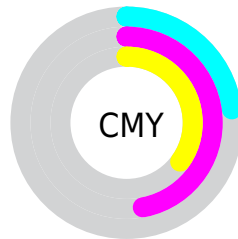


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (23%)



Cyan (23%)

Magenta (47%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12879525 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 12879525 by changing the saturation by 10% instead.



 12879525

 12879525

16777215

 11037835

 16628956

 9261937


 16767225

 7551833

 16774399

 5841985

 4262955

 2818071

 0

 12879525

 12879525

 12874395

 12884655

12869521

12889529

12864392

12894658

12859518

12899532

12854388

12904662

12849258

12909792

12845154

12910570

12910579

12910589

# Harmonies

## Analogous

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



11439548



12879525



13403531

# Triad

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



12879525



10263398



4564157

# Complementary

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



12879525



8832165

# 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.



4630182



12879525



8299124

# Square

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



12879525



11899750



6334091



6594250

# Rectangle

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



12879525



13207675



6334091



4367798



# Sweetspot

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



12879525



16771316



10847940



8417656



0



8421504



# Same Dimension

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



12879525



16752335



12879494



6379356



10551376



2162705



# Inverse Universe

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



12879525



16752335



8832196



6379356



10551376

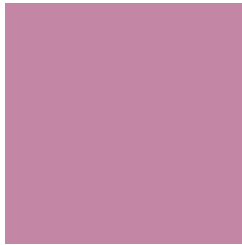


2162705



# Previews

## White Background



This preview shows how the Decimal color 12879525 looks on a white background.

## Color Contrast Check

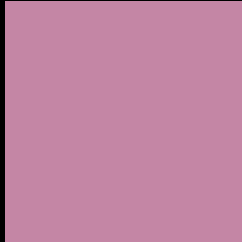
Large Text (above 18pt) WCAG AA × Fail

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 12879525 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 ✓ Pass

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



## Decimal 12879525 Background



This preview shows how black text looks on a background with the Decimal color 12879525.



This preview shows how white text looks on a background with the Decimal color 12879525.

# 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**  
12749204

# Trichromacy



**Original Color**  
12879525

**Protanomaly**  
10850732

**Deuteranomaly**  
11505571

**Tritanomaly**  
12814490

# Monochromacy



**Original Color**  
12879525

**Achromatopsia**  
10263708

**Achromatomaly**  
11244703

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12879525 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 #C486A5 looks like.

```
.text, #text, p{  
    color:#C486A5  
}
```

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 #C486A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C486A5
}
```

## Border

The CSS property to change the border of an element to Decimal 12879525 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
#C486A5 }
```

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

```
.border{ border-color:#C486A5 }
```

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

Here you see how a box with a 4 pixel #C486A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C486A5; -webkit-box-shadow:4px 4px  
4px 4px #C486A5; box-shadow:4px 4px 4px  
4px #C486A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12879525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C486A5 }
```

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

```
.background{ background-color:#C486A5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor