

# Converting Colors

Decimal(12807552)

Have a look what the booklet for  
Decimal(12807552) contains.

<b>Decimal(12807552)</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(12807552)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C36D80
RGB	195, 109, 128
RGB Percent	76%, 43%, 50%
CMY	0.2353, 0.5725, 0.4980
CMYK	0.00, 0.44, 0.34, 0.24
HSL	347°, 42%, 60%
HSV	347°, 44%, 76%
XYZ	31.8706, 24.0979, 23.3937
YIQ	136.8800, 45.1570, 24.1410

# Conversions

## Conversions Part 2

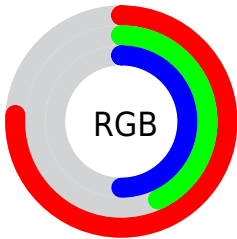
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 109, 128
Decimal	12807552
CIE Lab	56.19, 36.22, 4.67
CIE LCh	56, 36.521, 7.348
Yxy	24.0979, 0.4016, 0.3036
Android (android.graphics.Color)	4290997632 (0xFFC36D80)
YUV	136.8800, -4.3778, 50.9712
Hunter-Lab	49.0896, 29.9813, 6.1081

# Details

The Decimal color **12807552** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **7193520**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16687797**, and **9124687** is the 20% darker color. If you saturate the color by 10%, you get **12802673**, and if you desaturate by 10%, it is **12812687**.

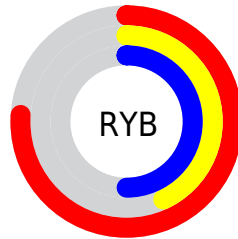
# Distribution



Red (76%)

Green (43%)

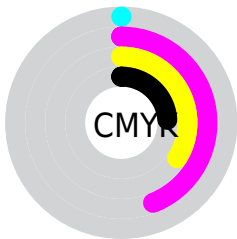
Blue (50%)



Red (76%)

Yellow (43%)

Blue (50%)

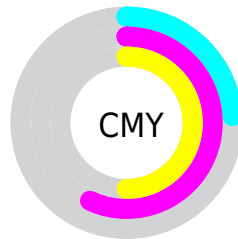


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12807552 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 12807552 by changing the saturation by 10% instead.



 12807552

 12807552

16777215

 10965863

 16687797

 9124687

 16760528

 7283256

 16767724

 5571619

 16775167

 3866637

 2228225

 0

 12807552

 12807552

 12802673

 12812687

 12797538

 12817566

 12792402

 12822702

 12787523

 12827581

 12782644

 12832716

 12779563

 12837595

 12842474

 12845050

 12845055

# Harmonies

## Analogous

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



11891104



12807552



12612194

# Triad

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



12807552



7442515



1348033

# Complementary

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



12807552



7193520

# 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.



38572



12807552



4756845

# Square

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



12807552



9668422



38798



6522821

# Rectangle

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



12807552



11958610



38798



37819



# Sweetspot

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



12807552



16571619



11496899



8416112



0



8421504



# Same Dimension

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



12807552



16545684



12813421



6379353



10551331



2162695



# Inverse Universe

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



12807552



16545684



7187651



6379353



10551331

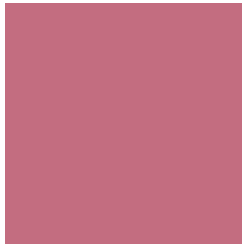


2162695



# Previews

## White Background



This preview shows how the Decimal color 12807552 looks on a white background.

## Color Contrast Check

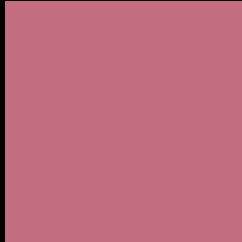
Large Text (above 18pt) WCAG AA ✓ Pass

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 12807552 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 12807552 Background



This preview shows how black text looks on a background with the Decimal color 12807552.



This preview shows how white text looks on a background with the Decimal color 12807552.

# 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**  
12807552

**Protanomaly**  
10321289

**Deuteranomaly**  
11041405

**Tritanomaly**  
12742266

# Monochromacy



**Original Color**  
12807552

**Achromatopsia**  
9013641

**Achromatomaly**  
10387334

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12807552 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 #C36D80 looks like.

```
.text, #text, p{  
  color:#C36D80  
}
```

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 #C36D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36D80
}
```

## Border

The CSS property to change the border of an element to Decimal 12807552 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
#C36D80 }
```

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

```
.border{ border-color:#C36D80 }
```

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

Here you see how a box with a 4 pixel #C36D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36D80; -webkit-box-shadow:4px 4px  
4px 4px #C36D80; box-shadow:4px 4px 4px  
4px #C36D80 }
```

# Background

The CSS property to change the background color of an element to Decimal 12807552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36D80 }
```

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

```
.background{ background-color:#C36D80 }
```

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