

Converting Colors

Decimal(12087948)

Have a look what the booklet for
Decimal(12087948) contains.

Decimal(12087948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12087948)

Conversions

Conversions Part 1

Format	Color
Hex	B8728C
RGB	184, 114, 140
RGB Percent	72%, 45%, 55%
CMY	0.2784, 0.5529, 0.4510
CMYK	0.00, 0.38, 0.24, 0.28
HSL	338°, 33%, 58%
HSV	338°, 38%, 72%
XYZ	30.5181, 24.1184, 27.8578
YIQ	137.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

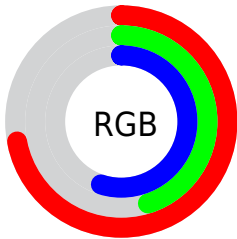
Format	Color
R_{YB}	184, 114, 140
Decimal	12087948
CIE _{Lab}	56.21, 31.15, -2.47
CIE _{LCh}	56, 31.246, 355.459
Yxy	24.1184, 0.3699, 0.2924
Android (android.graphics.Color)	4290278028 (0xFFB8728C)
YUV	137.8940, 1.0383, 40.4350
Hunter-Lab	49.1105, 24.9795, 0.7453

Details

The Decimal color **12087948** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **7518366**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **15837121**, and **8470618** is the 20% darker color. If you saturate the color by 10%, you get **12083328**, and if you desaturate by 10%, it is **12092568**.

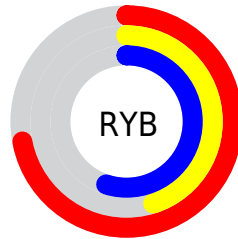
Distribution



Red (72%)

Green (45%)

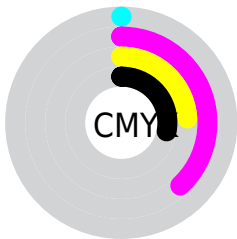
Blue (55%)



Red (72%)

Yellow (45%)

Blue (55%)

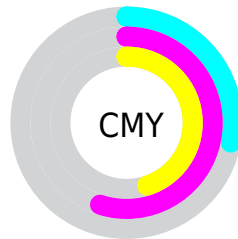


Cyan (0%)

Magenta (38%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12087948 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 12087948 by changing the saturation by 10% instead.

 12087948

 12087948

16777215

 10246515

 15837121

 8470618

 16761565

 6760515

 16769018

 5050413

 16776191

 3473432

 1835009

 0

 12087948

 12087948

 12083328

 12092568

 12078453

 12097443

 12073833

 12102063


 12068958

 12106938

 12064338


 12111558


 12059719

 12116177

 12058692

 12121053

 12124137

 12124148

Harmonies

Analogous

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



10844326



12087948



12350321

Triad

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



12087948



8490069



2724275

Complementary

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



12087948



7518366

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.



1676701



12087948



6394471

Square

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



12087948



10257488



4035970



5802940

Rectangle

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



12087948



11958113



4035970



1872813

Sweetspot

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



12087948



15783391



10318520



7891054



16250871



7895160

Same Dimension

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



12087948



15761834



12089970



6050646



10223674



1835018

Inverse Universe

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



12087948



15761834



7516344



6050646



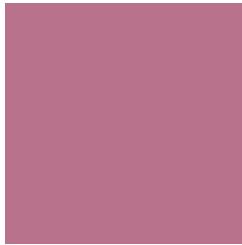
10223674



1835018

Previews

White Background



This preview shows how the Decimal color 12087948 looks on a white background.

Color Contrast Check

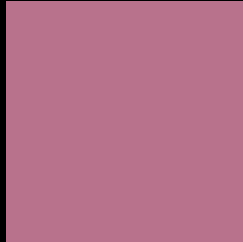
Large Text (above 18pt) WCAG AA ✓ Pass

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 12087948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

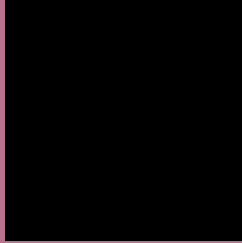
Any Text WCAG AA ✓ Pass

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 12087948 Background



This preview shows how black text looks on a background with the Decimal color 12087948.




This preview shows how white text looks on a background with the Decimal color 12087948.

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
11957629

Trichromacy



Original Color
12087948

Protanomaly
9928596

Deuteranomaly
10517898

Tritanomaly
12022914

Monochromacy



Original Color
12087948

Achromatopsia
9079434

Achromatomaly
10191243

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12087948 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 #B8728C looks like.

```
.text, #text, p{  
    color:#B8728C  
}
```

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 #B8728C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8728C
}
```

Border

The CSS property to change the border of an element to Decimal 12087948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

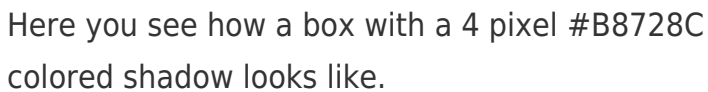
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8728C }
```

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

```
.border{ border-color:#B8728C }
```

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



Here you see how a box with a 4 pixel #B8728C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8728C; -webkit-box-shadow:4px 4px  
4px 4px #B8728C; box-shadow:4px 4px 4px  
4px #B8728C }
```

Background

The CSS property to change the background color of an element to Decimal 12087948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8728C }
```

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

```
.background{ background-color:#B8728C }
```

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