

# Converting Colors

Decimal(12012941)

Have a look what the booklet for  
Decimal(12012941) contains.

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# Color

**Decimal(12012941)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B74D8D
RGB	183, 77, 141
RGB Percent	72%, 30%, 55%
CMY	0.2824, 0.6980, 0.4471
CMYK	0.00, 0.58, 0.23, 0.28
HSL	324°, 42%, 51%
HSV	324°, 58%, 72%
XYZ	26.9900, 17.2981, 27.1156
YIQ	115.9900, 42.6320, 42.3760

# Conversions

## Conversions Part 2

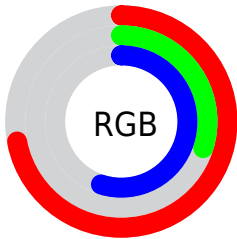
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 77, 141
Decimal	12012941
CIE <sub>Lab</sub>	48.63, 50.05, -14.39
CIE <sub>LCh</sub>	49, 52.079, 343.957
Yxy	17.2981, 0.3780, 0.2423
Android (android.graphics.Color)	4290203021 (0xFFB74D8D)
YUV	115.9900, 12.3299, 58.7678
Hunter-Lab	41.5910, 43.0514, -9.5410

# Details

The Decimal color **12012941** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5093239**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **15827907**, and **8327771** is the 20% darker color. If you saturate the color by 10%, you get **12008326**, and if you desaturate by 10%, it is **12017556**.

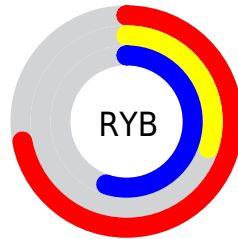
# Distribution



Red (72%)

Green (30%)

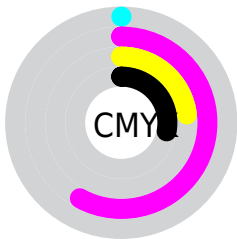
Blue (55%)



Red (72%)

Yellow (30%)

Blue (55%)

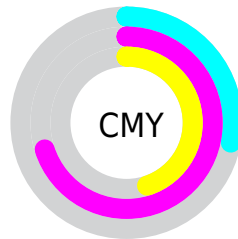


Cyan (0%)

Magenta (58%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (70%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12012941 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 12012941 by changing the saturation by 10% instead.



12012941

12012941

16777215

10170995

15827907

8327771

16752351

6553667

16759547

4784173

16766975

3276825

16774399

196608

0

12012941

12012941

12008326

12017556

12003454

12022428

11998839

12027043

11994224

12031658

11993198

12036529

12041145

12045760

12050375

12055246

# Harmonies

## Analogous

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



9461683



12012941



12798305

# Triad

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



12012941



7763984



34480

# Complementary

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



12012941



5093239

# 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.



34951



12012941



4489775

# Square

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



12012941



10316055



34650



32712

# Rectangle

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



12012941



12472645



34650



34724



# Sweetspot

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



12012941



15582685



7753143



7889006



16250871



7895160



# Same Dimension

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



12012941



15550379



12012889



6050648



10223710



1835025



# Inverse Universe

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



12012941



15550379



5093291



6050648



10223710



1835025



# Previews

## White Background



This preview shows how the Decimal color 12012941 looks on a white background.

## Color Contrast Check

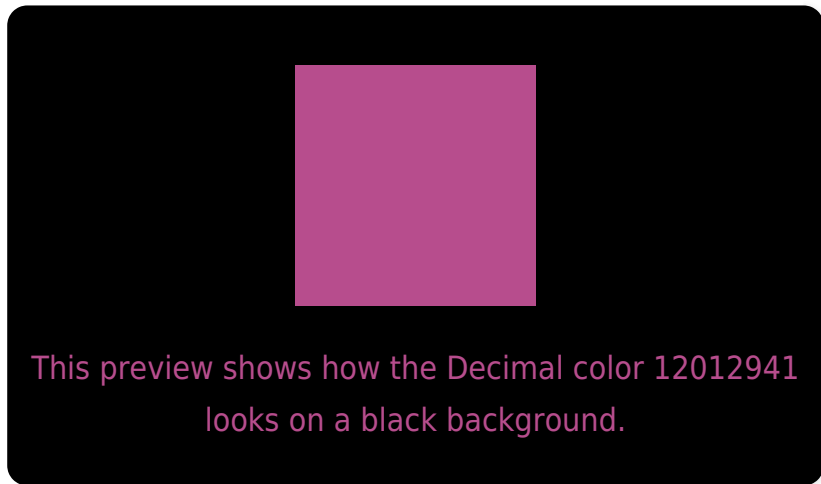
Large Text (above 18pt) WCAG AA ✓ Pass

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 12012941 Background



This preview shows how black text looks on a background with the Decimal color 12012941.



This preview shows how white text looks on a background with the Decimal color 12012941.

# 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**  
12012941

**Protanomaly**  
8545694

**Deuteranomaly**  
9331849

**Tritanomaly**  
11818095

# Monochromacy



**Original Color**  
12012941

**Achromatopsia**  
7631988

**Achromatomaly**  
9201277

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12012941 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 #B74D8D looks like.

```
.text, #text, p{  
    color:#B74D8D  
}
```

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 #B74D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B74D8D
}
```

## Border

The CSS property to change the border of an element to Decimal 12012941 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
#B74D8D }
```

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

```
.border{ border-color:#B74D8D }
```

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

Here you see how a box with a 4 pixel #B74D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B74D8D; -webkit-box-shadow:4px 4px  
4px 4px #B74D8D; box-shadow:4px 4px 4px  
4px #B74D8D }
```

# Background

The CSS property to change the background color of an element to Decimal 12012941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B74D8D }
```

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

```
.background{ background-color:#B74D8D }
```

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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