

# Converting Colors

Decimal(12086211)

Have a look what the booklet for  
Decimal(12086211) contains.

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**Color**

**Decimal(12086211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B86BC3
RGB	184, 107, 195
RGB Percent	72%, 42%, 76%
CMY	0.2784, 0.5804, 0.2353
CMYK	0.06, 0.45, 0.00, 0.24
HSL	292°, 42%, 59%
HSV	292°, 45%, 76%
XYZ	34.8752, 24.6459, 54.5488
YIQ	140.0550, 17.6440, 43.6920

# Conversions

## Conversions Part 2

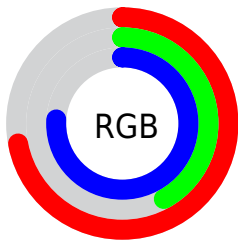
Format	Color
<a href="#">RYB</a>	<a href="#">184, 107, 195</a>
Decimal	<a href="#">12086211</a>
CIELab	<a href="#">56.73, 44.47, -33.45</a>
CIELCh	<a href="#">57, 55.646, 323.050</a>
Yxy	<a href="#">24.6459, 0.3057, 0.2161</a>
Android (android.graphics.Color)	<a href="#">4290276291 (0xFFB86BC3)</a>
YUV	<a href="#">140.0550, 27.0879, 38.5398</a>
Hunter-Lab	<a href="#">49.6446, 38.5177, -30.3958</a>

# Details

The Decimal color **12086211** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7783275**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **15835388**, and **8468621** is the 20% darker color. If you saturate the color by 10%, you get **11950275**, and if you desaturate by 10%, it is **12222403**.

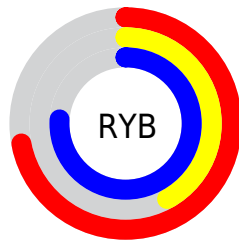
# Distribution



Red (72%)

Green (42%)

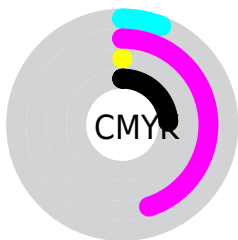
Blue (76%)



Red (72%)

Yellow (42%)

Blue (76%)

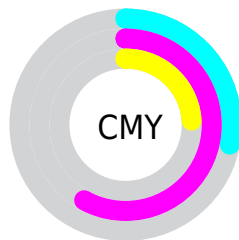


Cyan (6%)

Magenta (45%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (58%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12086211 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 12086211 by changing the saturation by 10% instead.



 12086211

 12086211

16777215

 10244520

 15835388

 8468621

 16760063

 6757747

 16767231

 5046362

 16774655

 3407938

 1900588

 278

 0

 12086211

 12086211

■ 11950275

■ 12222403

■ 11748547

■ 12423875

■ 11612611

■ 12560067

■ 11410883

■ 12761539

■ 11274947

■ 12897731

■ 11206851

■ 13099203

■ 13235139

■ 13434819

■ 13565891

# Harmonies

## Analogous

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



7635170



12086211



14310550

# Triad

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



12086211



11239966



40877

# Complementary

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



12086211



7783275

# 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.



40827



12086211



8229158

# Square

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



12086211



13528891



4102731



39893

# Rectangle

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



12086211



14703477



4102731



40861



# Sweetspot

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



12086211



16308732



7043011



8219264



0



8421504



# Same Dimension

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



12086211



15430908



12807075



6313825



9240737



1900577



# Inverse Universe

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



12807030



16544901



7062411



6379352



10551316

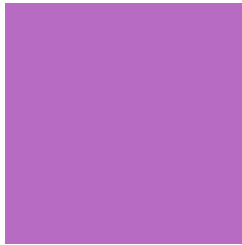


2162692



# Previews

## White Background



This preview shows how the Decimal color 12086211 looks on a white background.

## Color Contrast Check

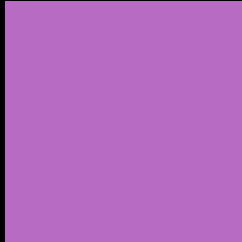
Large Text (above 18pt) WCAG AA ✓ Pass

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 12086211 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 12086211 Background



This preview shows how black text looks on a background with the Decimal color 12086211.




This preview shows how white text looks on a background with the Decimal color 12086211.

# 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**  
11500163

# Trichromacy



**Original Color**  
12086211



**Protanomaly**  
8813777



**Deuteranomaly**  
9403840



**Tritanomaly**  
11695514

# Monochromacy



**Original Color**  
12086211



**Achromatopsia**  
9211020



**Achromatomaly**  
10256544

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12086211 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 #B86BC3 looks like.

```
.text, #text, p{  
    color:#B86BC3  
}
```

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 #B86BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86BC3
}
```

## Border

The CSS property to change the border of an element to Decimal 12086211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

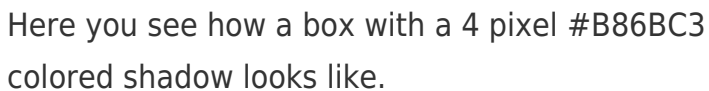
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86BC3 }
```

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

```
.border{ border-color:#B86BC3 }
```

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



Here you see how a box with a 4 pixel #B86BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86BC3; -webkit-box-shadow:4px 4px  
4px 4px #B86BC3; box-shadow:4px 4px 4px  
4px #B86BC3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12086211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86BC3 }
```

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

```
.background{ background-color:#B86BC3 }
```

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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