

# Converting Colors

Decimal(12088996)

Have a look what the booklet for  
Decimal(12088996) contains.

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# **Color**

**Decimal(12088996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B876A4
RGB	184, 118, 164
RGB Percent	72%, 46%, 64%
CMY	0.2784, 0.5373, 0.3569
CMYK	0.00, 0.36, 0.11, 0.28
HSL	318°, 32%, 59%
HSV	318°, 36%, 72%
XYZ	32.9464, 25.8275, 38.3707
YIQ	142.9780, 24.5700, 28.2980

# Conversions

## Conversions Part 2

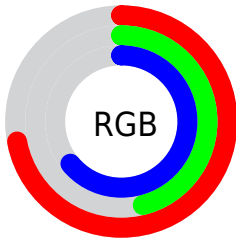
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 118, 164
Decimal	12088996
CIELab	57.87, 32.81, -13.90
CIELCh	58, 35.636, 337.041
Yxy	25.8275, 0.3391, 0.2659
Android (android.graphics.Color)	4290279076 (0xFFB876A4)
YUV	142.9780, 10.3638, 35.9763
Hunter-Lab	50.8208, 26.7827, -9.1905

# Details

The Decimal color **12088996** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7780490**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **15838171**, and **8537200** is the 20% darker color. If you saturate the color by 10%, you get **12084382**, and if you desaturate by 10%, it is **12093610**.

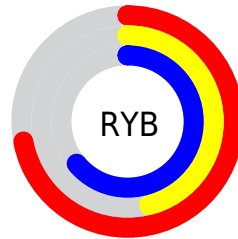
# Distribution



Red (72%)

Green (46%)

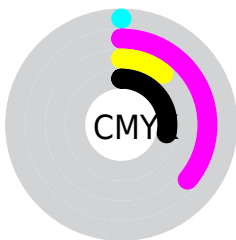
Blue (64%)



Red (72%)

Yellow (46%)

Blue (64%)

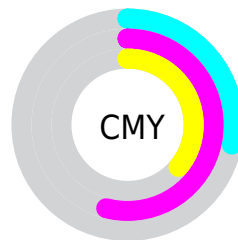


Cyan (0%)

Magenta (36%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (54%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12088996 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 12088996 by changing the saturation by 10% instead.



 12088996

 12088996

16777215

 10247562


 15838171

 8537200


 16762872

 6827096

 16770047

 5116736

 3538986

 2162710

 0

 12088996

 12088996

 12084382

 12093610

 12079513

 12098479

 12074899

 12103093


 12070030

 12107962

 12065416


 12112576


 12060803

 12117189

 12058752

 12122059

 12124113

 12124118

# Harmonies

## Analogous

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



9994429



12088996



13005445

# Triad

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



12088996



9997388



39600

# Complementary

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



12088996



7780490

# 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.



1285266



12088996



7771224

# Square

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



12088996



11764050



5216882



2594244

# Rectangle

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



12088996



13005936



5216882



39846



# Sweetspot

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



12088996



15783400



9074360



7891059



16250871



7895160



# Same Dimension

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



12088996



15763920



12088963



6050649



10223724



1835028



# Inverse Universe

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



12088996



15763920



7780523



6050649



10223724



1835028



# Previews

## White Background



This preview shows how the Decimal color 12088996 looks on a white background.

## Color Contrast Check

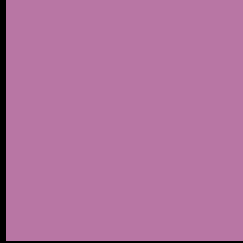
Large Text (above 18pt) WCAG AA ✓ Pass

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 12088996 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 12088996 Background



This preview shows how black text looks on a background with the Decimal color 12088996.




This preview shows how white text looks on a background with the Decimal color 12088996.

# 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**  
11828357

# Trichromacy



**Original Color**  
12088996

**Protanomaly**  
9798573

**Deuteranomaly**  
10387874

**Tritanomaly**  
11893392

# Monochromacy



**Original Color**  
12088996

**Achromatopsia**  
9408399

**Achromatomaly**  
10389143

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12088996 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 #B876A4 looks like.

```
.text, #text, p{  
    color:#B876A4  
}
```

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 #B876A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B876A4
}
```

## Border

The CSS property to change the border of an element to Decimal 12088996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

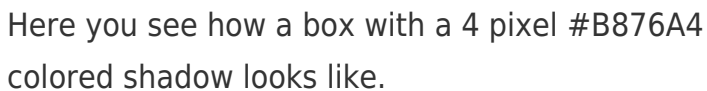
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B876A4 }
```

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

```
.border{ border-color:#B876A4 }
```

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



Here you see how a box with a 4 pixel #B876A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B876A4; -webkit-box-shadow:4px 4px  
4px 4px #B876A4; box-shadow:4px 4px 4px  
4px #B876A4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12088996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B876A4 }
```

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

```
.background{ background-color:#B876A4 }
```

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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