

# Converting Colors

Decimal(12609931)

Have a look what the booklet for  
Decimal(12609931) contains.

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**Color**

**Decimal(12609931)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0698B
RGB	192, 105, 139
RGB Percent	75%, 41%, 55%
CMY	0.2471, 0.5882, 0.4549
CMYK	0.00, 0.45, 0.28, 0.25
HSL	337°, 41%, 58%
HSV	337°, 45%, 75%
XYZ	31.4500, 23.1737, 27.2415
YIQ	134.8890, 40.9380, 29.0180

# Conversions

## Conversions Part 2

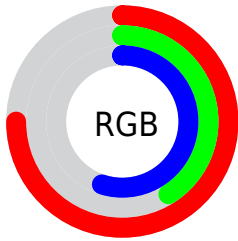
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 105, 139
Decimal	12609931
CIE <sub>Lab</sub>	55.25, 38.72, -3.18
CIE <sub>LCh</sub>	55, 38.846, 355.308
Yxy	23.1737, 0.3842, 0.2831
Android (android.graphics.Color)	4290800011 (0xFFC0698B)
YUV	134.8890, 2.0267, 50.0863
Hunter-Lab	48.1391, 32.3735, 0.1457

# Details

The Decimal color **12609931** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6930590**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16424640**, and **8926809** is the 20% darker color. If you saturate the color by 10%, you get **12605055**, and if you desaturate by 10%, it is **12614807**.

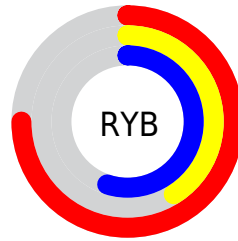
# Distribution



Red (75%)

Green (41%)

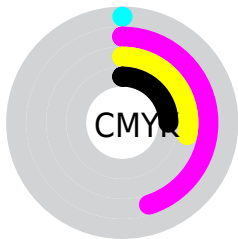
Blue (55%)



Red (75%)

Yellow (41%)

Blue (55%)

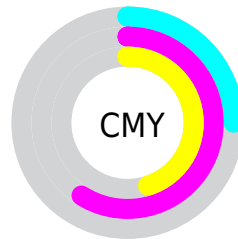


Cyan (0%)

Magenta (45%)

Yellow (28%)

Black (25%)



Cyan (25%)

Magenta (59%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12609931 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 12609931 by changing the saturation by 10% instead.



 12609931

 12609931

16777215

 10768242

 16424640

 8926809

 16759516

 7150658

 16766713

 5439532

 16774143

 3735575

 2097153

 0

 12609931

 12609931

 12605055

 12614807

 12600180

 12619682

 12595048

 12624814

 12590172

 12629690

 12585297

 12634565

 12582987

 12639441

 12644317

 12648425

 12648436

# Harmonies

## Analogous

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



11104683



12609931



12872553

# Triad

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



12609931



8162117



37307

# Complementary

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



12609931



6930590

# 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.



38304



12609931



5542493

# Square

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



12609931



10322240



890238



4164039

# Rectangle

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



12609931



12415318



890238



37811



# Sweetspot

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



12609931



16439269



10316224



8218736



16579836



8224125



# Same Dimension

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



12609931



16413608



12612201



6379355



10551359



2162701



# Inverse Universe

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



12609931



16413608



6928320



6379355



10551359

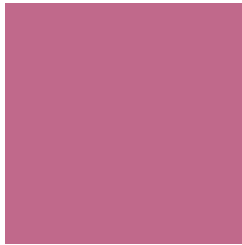


2162701



# Previews

## White Background



This preview shows how the Decimal color 12609931 looks on a white background.

## Color Contrast Check

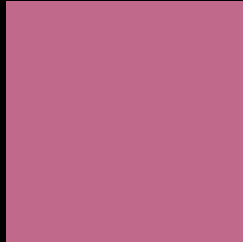
Large Text (above 18pt) WCAG AA ✓ Pass

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 12609931 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 12609931 Background



This preview shows how black text looks on a background with the Decimal color 12609931.



This preview shows how white text looks on a background with the Decimal color 12609931.

# 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**  
12479861

# Trichromacy



**Original Color**  
12609931

**Protanomaly**  
9927318

**Deuteranomaly**  
10647688

**Tritanomaly**  
12545149

# Monochromacy



**Original Color**  
12609931

**Achromatopsia**  
8882055

**Achromatomaly**  
10255496

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12609931 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 #C0698B looks like.

```
.text, #text, p{  
    color:#C0698B  
}
```

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 #C0698B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0698B
}
```

## Border

The CSS property to change the border of an element to Decimal 12609931 is called "border". The border property can be set on classes, ids or directly on the HTML element.

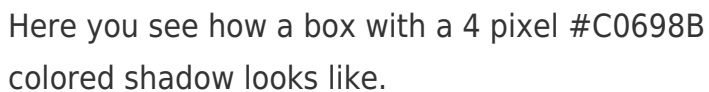
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0698B }
```

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

```
.border{ border-color:#C0698B }
```

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



Here you see how a box with a 4 pixel #C0698B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0698B; -webkit-box-shadow:4px 4px  
4px 4px #C0698B; box-shadow:4px 4px 4px  
4px #C0698B }
```

# Background

The CSS property to change the background color of an element to Decimal 12609931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0698B }
```

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

```
.background{ background-color:#C0698B }
```

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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