

# Converting Colors

Decimal(12612276)

Have a look what the booklet for  
Decimal(12612276) contains.

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# **Color**

**Decimal(12612276)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C072B4
RGB	192, 114, 180
RGB Percent	75%, 45%, 71%
CMY	0.2471, 0.5529, 0.2941
CMYK	0.00, 0.41, 0.06, 0.25
HSL	309°, 38%, 60%
HSV	309°, 41%, 75%
XYZ	35.9938, 26.5364, 46.4050
YIQ	144.8460, 25.3020, 37.0620

# Conversions

## Conversions Part 2

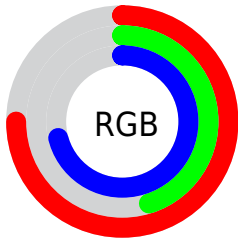
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 114, 180
Decimal	12612276
CIE <sub>Lab</sub>	58.54, 40.44, -21.99
CIE <sub>LCh</sub>	59, 46.029, 331.465
Yxy	26.5364, 0.3304, 0.2436
Android (android.graphics.Color)	4290802356 (0xFFC072B4)
YUV	144.8460, 17.3309, 41.3541
Hunter-Lab	51.5135, 34.5739, -17.3509

# Details

The Decimal color **12612276** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7520382**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16427244**, and **8994687** is the 20% darker color. If you saturate the color by 10%, you get **12607409**, and if you desaturate by 10%, it is **12617143**.

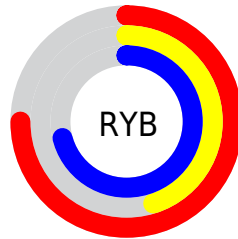
# Distribution



Red (75%)

Green (45%)

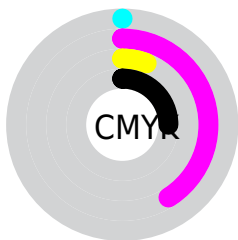
Blue (71%)



Red (75%)

Yellow (45%)

Blue (71%)

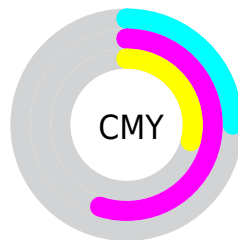


Cyan (0%)

Magenta (41%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12612276 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 12612276 by changing the saturation by 10% instead.



 12612276

 12612276

16777215

 10770585

 16427244

 8994687

 16761855

 7218790

 16769279

 5572942

 16776703

 3866679

 2555937

 5

 0

 12612276

 12612276

12607409

12617143

12602542

12622010

12597419

12627133

12592552

12632000

12587685

12636867

12583074

12641734

12646601

12648396

12648399

# Harmonies

## Analogous

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



9601490



12612276



14051980

# Triad

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



12612276



10652473



41142

# Complementary

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



12612276



7520382

# 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.



41358



12612276



7968581

# Square

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



12612276



12746054



4431461



39891

# Rectangle

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



12612276



14183537



4431461



41385



# Sweetspot

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



12612276



16440565



8286912



8219514



16579836



8224125



# Same Dimension

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



12612276



16416743



12612237



6379359



10551432



2162716



# Inverse Universe

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



12612276



16416743



7520421



6379359



10551432

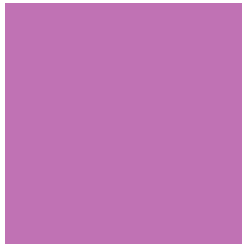


2162716



# Previews

## White Background



This preview shows how the Decimal color 12612276 looks on a white background.

## Color Contrast Check

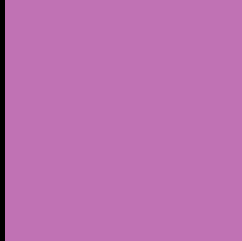
Large Text (above 18pt) WCAG AA ✓ Pass

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 12612276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

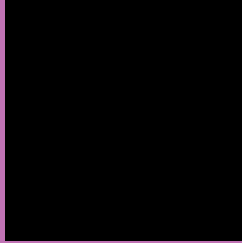
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12612276 Background



This preview shows how black text looks on a background with the Decimal color 12612276.




This preview shows how white text looks on a background with the Decimal color 12612276.

# 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**  
12221573

# Trichromacy



**Original Color**  
12612276



**Protanomaly**  
9732800



**Deuteranomaly**  
10322353



**Tritanomaly**  
12351638

# Monochromacy



**Original Color**  
12612276



**Achromatopsia**  
9539985



**Achromatomaly**  
10651294

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12612276 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 #C072B4 looks like.

```
.text, #text, p{  
    color:#C072B4  
}
```

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 #C072B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C072B4
}
```

## Border

The CSS property to change the border of an element to Decimal 12612276 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
#C072B4 }
```

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

```
.border{ border-color:#C072B4 }
```

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

Here you see how a box with a 4 pixel #C072B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C072B4; -webkit-box-shadow:4px 4px  
4px 4px #C072B4; box-shadow:4px 4px 4px  
4px #C072B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12612276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C072B4 }
```

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

```
.background{ background-color:#C072B4 }
```

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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