

# Converting Colors

Decimal(12940465)

Have a look what the booklet for  
Decimal(12940465) contains.

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# **Color**

**Decimal(12940465)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C574B1
RGB	197, 116, 177
RGB Percent	77%, 45%, 69%
CMY	0.2275, 0.5451, 0.3059
CMYK	0.00, 0.41, 0.10, 0.23
HSL	315°, 41%, 61%
HSV	315°, 41%, 77%
XYZ	37.2072, 27.5354, 44.9488
YIQ	147.1730, 28.6950, 36.1430

# Conversions

## Conversions Part 2

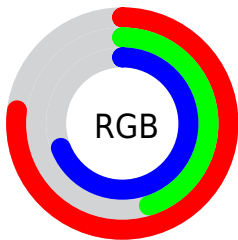
Format	Color
R <sub>Y</sub> B	197, 116, 177
Decimal	12940465
CIE Lab	59.47, 40.48, -18.80
CIE LCh	59, 44.630, 335.082
Yxy	27.5354, 0.3392, 0.2510
Android (android.graphics.Color)	4291130545 (0xFFC574B1)
YUV	147.1730, 14.7047, 43.6983
Hunter-Lab	52.4742, 34.7367, -14.0552

# Details

The Decimal color **12940465** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7652744**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16755433**, and **9322876** is the 20% darker color. If you saturate the color by 10%, you get **12935340**, and if you desaturate by 10%, it is **12945590**.

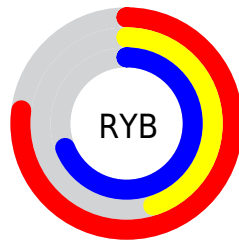
# Distribution



Red (77%)

Green (45%)

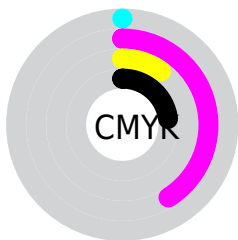
Blue (69%)



Red (77%)

Yellow (45%)

Blue (69%)

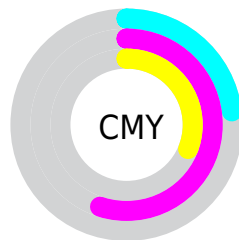


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12940465 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 12940465 by changing the saturation by 10% instead.



 12940465

 12940465

16777215

 11098774

 16755433

 9322876


 16762367

 7546723

 16769791

 5835595

 4194356

 2818079

 2

 0

 12940465

 12940465

12935340

12945590

12930471

12950459

12925346

12955584

12920222

12960708

12915353

12965833

12910740

12970702

12975827

12976088

12976093

# Harmonies

## Analogous

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



10191568



12940465



14184074

# Triad

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



12940465



10522430



41659

# Complementary

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



12940465



7652744

# 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.



41877



12940465



7838284

# Square

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



12940465



12681544



4301165



40150

# Rectangle

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



12940465



14184816



4301165



41903



# Sweetspot

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



12940465



16769271



8877253



8416891



0



8421504



# Same Dimension

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



12940465



16745184



12940426



6511201



10682491



2359323



# Inverse Universe

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



12940465



16745184



7652783



6511201



10682491

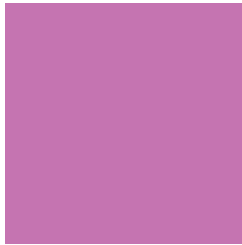


2359323



# Previews

## White Background



This preview shows how the Decimal color 12940465 looks on a white background.

## Color Contrast Check

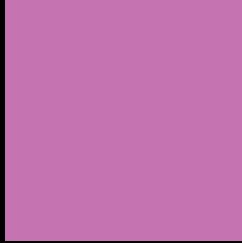
Large Text (above 18pt) WCAG AA ✓ Pass

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 12940465 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

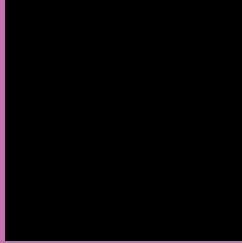
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12940465 Background



This preview shows how black text looks on a background with the Decimal color 12940465.




This preview shows how white text looks on a background with the Decimal color 12940465.

# 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**  
12615046

# Trichromacy



**Original Color**  
12940465



**Protanomaly**  
10061245



**Deuteranomaly**  
10716078

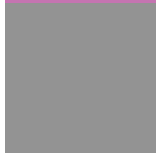


**Tritanomaly**  
12745366

# Monochromacy



**Original Color**  
12940465



**Achromatopsia**  
9671571



**Achromatomaly**  
10848414

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12940465 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 #C574B1 looks like.

```
.text, #text, p{  
  color:#C574B1  
}
```

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 #C574B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C574B1
}
```

## Border

The CSS property to change the border of an element to Decimal 12940465 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
#C574B1 }
```

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

```
.border{ border-color:#C574B1 }
```

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

Here you see how a box with a 4 pixel #C574B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C574B1; -webkit-box-shadow:4px 4px  
4px 4px #C574B1; box-shadow:4px 4px 4px  
4px #C574B1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12940465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C574B1 }
```

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

```
.background{ background-color:#C574B1 }
```

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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