

# Converting Colors

Decimal(12779621)

Have a look what the booklet for  
Decimal(12779621) contains.

<b>Decimal(12779621)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(12779621)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C30065
RGB	195, 0, 101
RGB Percent	76%, 0%, 40%
CMY	0.2353, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.48, 0.24
HSL	329°, 100%, 38%
HSV	329°, 100%, 76%
XYZ	24.8546, 12.5417, 13.4227
YIQ	69.8190, 83.7990, 72.7510

# Conversions

## Conversions Part 2

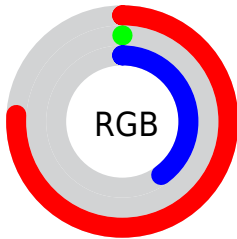
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 0, 101
Decimal	12779621
CIE Lab	42.06, 69.46, 0.57
CIE LCh	42, 69.462, 0.472
Yxy	12.5417, 0.4891, 0.2468
Android (android.graphics.Color)	4290969701 (0xFFC30065)
YUV	69.8190, 15.3722, 109.7837
Hunter-Lab	35.4142, 63.3010, 2.3179

# Details

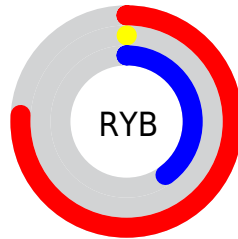
The Decimal color **12779621** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **50014**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **16733848**, and **8847415** is the 20% darker color. If you saturate the color by 10%, you get **12779621**, and if you desaturate by 10%, it is **12784494**.

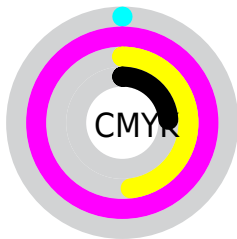
# Distribution



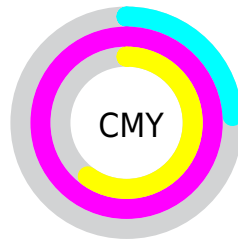
- Red (76%)
- Green (0%)
- Blue (40%)



- Red (76%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (24%)


















- Cyan (24%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12779621 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 12779621 by changing the saturation by 10% instead.



 12779621	 12779621
 16777215	 10813517
 16733848	 8847415
 16741554	 6881314
 16749006	 5046282
 16756458	 3080194
 16763903	 0
 16771583	

 12779621

 12784494

■ 12789624

■ 12794753

■ 12799627

■ 12804756

■ 12809629

■ 12814503

■ 12819632

■ 12824762

# Harmonies

## Analogous

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



10891165



12779621



12526381

# Triad

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



12779621



4091904



30663

# Complementary

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



12779621



50014

# 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.



31644



12779621



30757

# Square

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



12779621



7954688



31587



27607

# Rectangle

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



12779621



11484672



31587



31164



# Sweetspot

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



12779621



16560600



5963971



8409705



0



8421504



# Same Dimension

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



12779621



16515203



12779526



6379356



10551379



2162705



# Inverse Universe

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



12779621



16515203



50109



6379356



10551379



2162705



# Previews

## White Background



This preview shows how the Decimal color 12779621 looks on a white background.

## Color Contrast Check

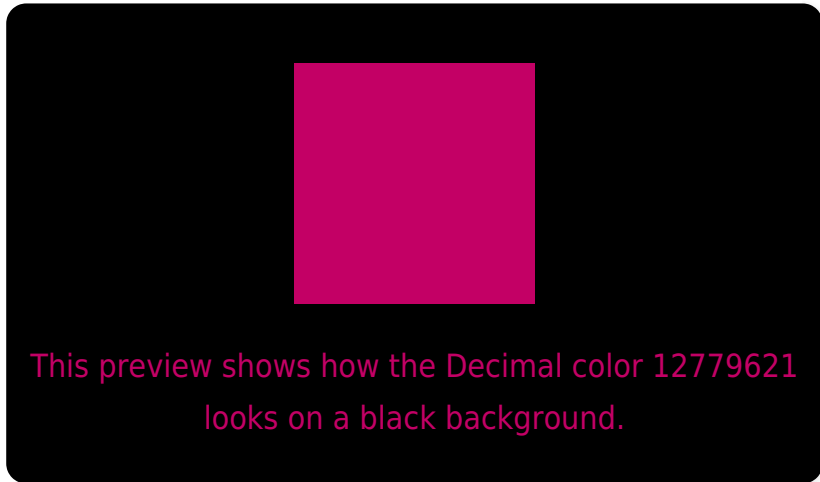
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Decimal 12779621 Background



This preview shows how black text looks on a background with the Decimal color 12779621.



This preview shows how white text looks on a background with the Decimal color 12779621.

# 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



**Original Color**  
12779621

**Protanopia**  
5727378

**Deuteranopia**  
7561821



# Trichromacy



**Original Color**

12779621



**Protanomaly**

8274050



**Deuteranomaly**

9453152



**Tritanomaly**

12654910

# Monochromacy



**Original Color**

12779621



**Achromatopsia**

4605510



**Achromatomaly**

7548241

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12779621 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 #C30065 looks like.

```
.text, #text, p{  
  color:#C30065  
}
```

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 #C30065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30065
}
```

## Border

The CSS property to change the border of an element to Decimal 12779621 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
#C30065 }
```

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

```
.border{ border-color:#C30065 }
```

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

Here you see how a box with a 4 pixel #C30065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30065; -webkit-box-shadow:4px 4px  
4px 4px #C30065; box-shadow:4px 4px 4px  
4px #C30065 }
```

# Background

The CSS property to change the background color of an element to Decimal 12779621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30065 }
```

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

```
.background{ background-color:#C30065 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor