

# Converting Colors

Decimal(12996050)

Have a look what the booklet for  
Decimal(12996050) contains.

|  |    |
|--|----|
| <b>Decimal(12996050)</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(12996050)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C64DD2                     |
| RGB         | 198, 77, 210               |
| RGB Percent | 78%, 30%, 82%              |
| CMY         | 0.2235, 0.6980, 0.1765     |
| CMYK        | 0.06, 0.63, 0.00, 0.18     |
| HSL         | 295°, 60%, 56%             |
| HSV         | 295°, 63%, 82%             |
| XYZ         | 37.5754, 21.9667, 63.2323  |
| YIQ         | 128.3410, 29.4230, 67.0150 |

# Conversions

## Conversions Part 2

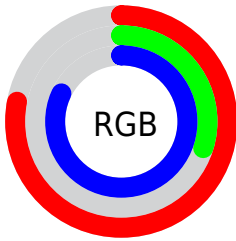
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">198, 77, 210</a>                   |
| Decimal                             | <a href="#">12996050</a>                       |
| CIELab                              | <a href="#">53.99, 65.28, -46.19</a>           |
| CIELCh                              | <a href="#">54, 79.965, 324.719</a>            |
| Yxy                                 | <a href="#">21.9667, 0.3061,<br/>0.1789</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4291186130<br/>(0xFFC64DD2)</a>    |
| YUV                                 | <a href="#">128.3410, 40.2579,<br/>61.0909</a> |
| Hunter-Lab                          | <a href="#">46.8686, 61.0867,<br/>-47.1825</a> |

# Details

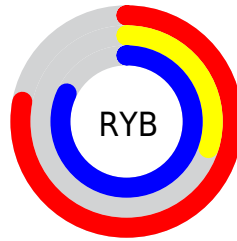
The Decimal color **12996050** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **5886541**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16745983**, and **9240987** is the 20% darker color. If you saturate the color by 10%, you get **12859602**, and if you desaturate by 10%, it is **13132498**.

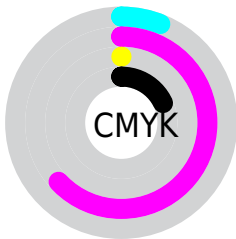
# Distribution



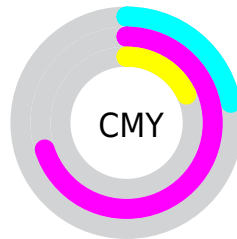
- Red (78%)
- Green (30%)
- Blue (82%)



- Red (78%)
- Yellow (30%)
- Blue (82%)



- Cyan (6%)
- Magenta (63%)
- Yellow (0%)
- Black (18%)



















- Cyan (22%)
- Magenta (70%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12996050 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 12996050 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  12996050 |  12996050 |
| 16777215   |  11087798 |
|  16745983 |  9240987  |
|  16753407 |  7405696  |
|  16760575 |  5570663  |
|  16767999 |  3866702  |
|  16775679 |  2031670  |
|  |  544    |
|  |  3      |
|  |  0      |

 12996050

 12996050

 12859602

 13132498

 12723154

 13268946

 12586706

 13405394

 12517586

 13541842

 13612754

 13749202

 13885650

 14022098

 14155730

# Harmonies

## Analogous

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



5862655



12996050



15868304

# Triad

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



12996050



10975744



40633

# Complementary

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



12996050



5886541

# 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.



40562



12996050



6655488

# Square

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



12996050



14178816



39207



39922

# Rectangle

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



12996050



16261987



39207



40866



# Sweetspot

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



12996050



16502783



5069522



8217216



0



8421504



# Same Dimension

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



12996050



15613439



13782429



6839913



10027176



2424873



# Inverse Universe

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



13782361



16727375



5100162



6905439



11010063



2686980



# Previews

## White Background



This preview shows how the Decimal color 12996050 looks on a white background.

## Color Contrast Check

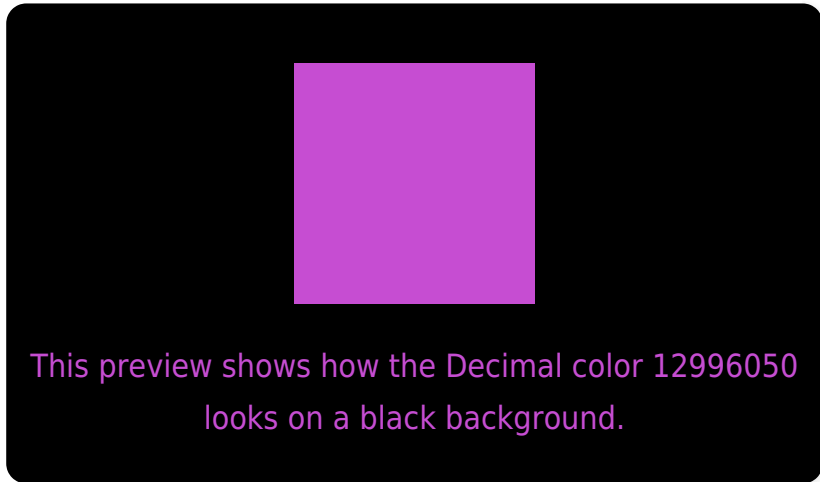
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

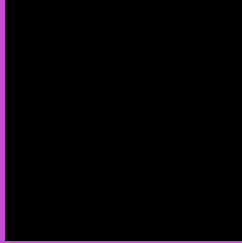
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12996050 Background



This preview shows how black text looks on a background with the Decimal color 12996050.




This preview shows how white text looks on a background with the Decimal color 12996050.

# 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**  
12216945

# Trichromacy



**Original Color**  
12996050



**Protanomaly**  
6778095



**Deuteranomaly**  
8613580



**Tritanomaly**  
12476308

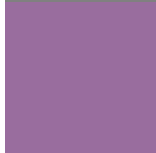
# Monochromacy



**Original Color**  
12996050



**Achromatopsia**  
8421504



**Achromatomaly**  
10055070

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12996050 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 #C64DD2 looks like.

```
.text, #text, p{  
    color:#C64DD2  
}
```

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 #C64DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64DD2
}
```

## Border

The CSS property to change the border of an element to Decimal 12996050 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
#C64DD2 }
```

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

```
.border{ border-color:#C64DD2 }
```

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

Here you see how a box with a 4 pixel #C64DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64DD2; -webkit-box-shadow:4px 4px  
4px 4px #C64DD2; box-shadow:4px 4px 4px  
4px #C64DD2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12996050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64DD2 }
```

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

```
.background{ background-color:#C64DD2 }
```

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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