

# Converting Colors

Decimal(12806878)

Have a look what the booklet for  
Decimal(12806878) contains.

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# Color

**Decimal(12806878)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C36ADE
RGB	195, 106, 222
RGB Percent	76%, 42%, 87%
CMY	0.2353, 0.5843, 0.1294
CMYK	0.12, 0.52, 0.00, 0.13
HSL	286°, 64%, 64%
HSV	286°, 52%, 87%
XYZ	40.8445, 27.1841, 72.2016
YIQ	145.8350, 15.8080, 54.9440

# Conversions

## Conversions Part 2

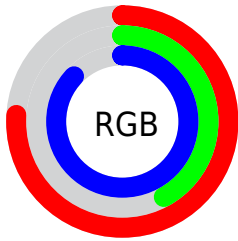
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 106, 222
Decimal	12806878
CIE Lab	59.14, 53.42, -44.85
CIE LCh	59, 69.745, 319.984
Yxy	27.1841, 0.2913, 0.1939
Android (android.graphics.Color)	4290996958 (0xFFC36ADE)
YUV	145.8350, 37.5493, 43.1177
Hunter-Lab	52.1384, 48.5925, -45.6083

# Details

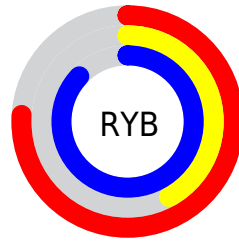
The Decimal color **12806878** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8773226**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16687359**, and **9123238** is the 20% darker color. If you saturate the color by 10%, you get **12473566**, and if you desaturate by 10%, it is **13140190**.

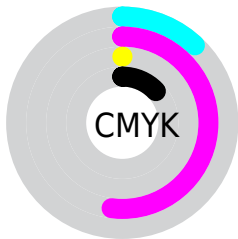
# Distribution



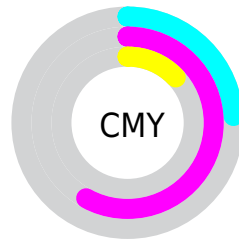
- Red (76%)
- Green (42%)
- Blue (87%)



- Red (76%)
- Yellow (42%)
- Blue (87%)



- Cyan (12%)
- Magenta (52%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (58%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12806878 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 12806878 by changing the saturation by 10% instead.



 12806878

 12806878

16777215

 10964930

 16687359

 9123238


 16760063

 7280523

 16767487

 5505137

 16774911

 3801176

 2293825

 41

 275

 0

 12806878

 12806878

 12473566

 13140190

 12140254


 13473502

 11741150

 13872606

 11407838

 14205918

 11141342

 14539230

 14872542

 15204318

 15531998

 15925214

# Harmonies

## Analogous

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



6260735



12806878



15814822

# Triad

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



12806878



12354560



43703

# Complementary

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



12806878



8773226

# 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.



43383



12806878



8689664

# Square

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



12806878



15100464



3121977



42988

# Rectangle

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



12806878



16469373



3121977



43682



# Sweetspot

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



12806878



16176895



6981086



8021888



0



8421504



# Same Dimension

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



12806878



14311167



14576319



7234928



8847536



2424880



# Inverse Universe

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



14576261



16735876



7003785



7365992



11534377



3145739



# Previews

## White Background



This preview shows how the Decimal color 12806878 looks on a white background.

## Color Contrast Check

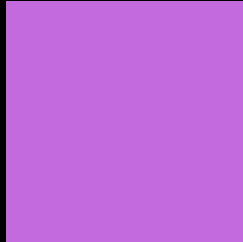
Large Text (above 18pt) WCAG AA ✓ Pass

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 12806878 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

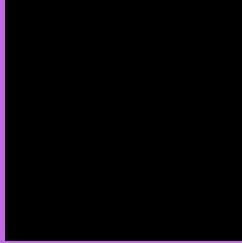
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12806878 Background



This preview shows how black text looks on a background with the Decimal color 12806878.



This preview shows how white text looks on a background with the Decimal color 12806878.

# 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**  
12025737

# Trichromacy



**Original Color**  
12806878



**Protanomaly**  
8421361



**Deuteranomaly**  
9208282



**Tritanomaly**  
12285864

# Monochromacy



**Original Color**  
12806878



**Achromatopsia**  
9605778



**Achromatomaly**  
10781614

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12806878 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 #C36ADE looks like.

```
.text, #text, p{  
    color:#C36ADE  
}
```

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 #C36ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36ADE
}
```

## Border

The CSS property to change the border of an element to Decimal 12806878 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
#C36ADE }
```

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

```
.border{ border-color:#C36ADE }
```

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

Here you see how a box with a 4 pixel #C36ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36ADE; -webkit-box-shadow:4px 4px  
4px 4px #C36ADE; box-shadow:4px 4px 4px  
4px #C36ADE }
```

# Background

The CSS property to change the background color of an element to Decimal 12806878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36ADE }
```

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

```
.background{ background-color:#C36ADE }
```

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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