

Converting Colors

Decimal(13398226)

Have a look what the booklet for
Decimal(13398226) contains.

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Color

Decimal(13398226)

Conversions

Conversions Part 1

Format	Color
Hex	CC70D2
RGB	204, 112, 210
RGB Percent	80%, 44%, 82%
CMY	0.2000, 0.5608, 0.1765
CMYK	0.03, 0.47, 0.00, 0.18
HSL	296°, 52%, 63%
HSV	296°, 47%, 82%
XYZ	42.3289, 29.0789, 64.3546
YIQ	150.6800, 23.3740, 49.9820

Conversions

Conversions Part 2

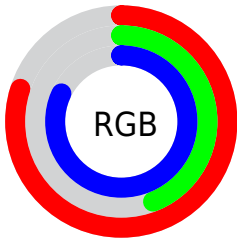
Format	Color
RYB	204, 112, 210
Decimal	13398226
CIELab	60.85, 50.57, -35.34
CIElCh	61, 61.699, 325.055
Yxy	29.0789, 0.3118, 0.2142
Android (android.graphics.Color)	4291588306 (0xFFCC70D2)
YUV	150.6800, 29.2448, 46.7616
Hunter-Lab	53.9248, 45.7471, -33.0101

Details

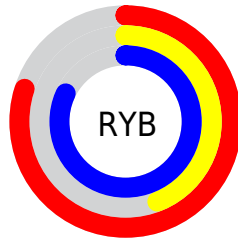
The Decimal color **13398226** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7787120**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16754431**, and **9714587** is the 20% darker color. If you saturate the color by 10%, you get **13327314**, and if you desaturate by 10%, it is **13469138**.

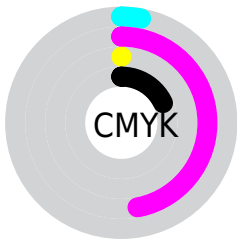
Distribution



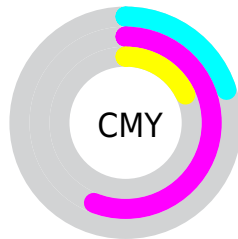
- Red (80%)
- Green (44%)
- Blue (82%)



- Red (80%)
- Yellow (44%)
- Blue (82%)



- Cyan (3%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



















- Cyan (20%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13398226 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 13398226 by changing the saturation by 10% instead.


 13398226	 13398226
 16777215	 11556534
 16754431	 9714587
 16761599	 7872385
 16769023	 6160487
 16776447	 4456527
	 2949176
	 393249
	 6
	 0

 13398226


 13398226

 13327314

 13469138

 13190866

 13605586

 13119954

 13676498

 13049042

 13747410

 12978130

 13818322

 12910802

 13954770

 14024658

 14090194

 14221266

Harmonies

Analogous

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



8554742



13398226



15753118

Triad

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



13398226



11963671



44223

Complementary

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



13398226



7787120

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.



44168



13398226



8559908

Square

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



13398226



14579513



3516241



43243

Rectangle

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



13398226



16080762



3516241



44461

Sweetspot

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



13398226



16636927



7370706



8284800



0



8421504

Same Dimension

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



13398226



16150783



13791400



6839913



10354856



2490409

Inverse Universe

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



13791350



16740473



7393946



6905439



11010058



2686978

Previews

White Background



This preview shows how the Decimal color 13398226 looks on a white background.

Color Contrast Check

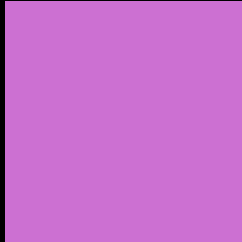
Large Text (above 18pt) WCAG AA ✓ Pass

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 13398226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

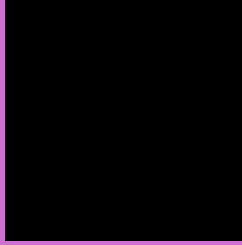
Any Text WCAG AA ✓ Pass

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 13398226 Background



This preview shows how black text looks on a background with the Decimal color 13398226.



This preview shows how white text looks on a background with the Decimal color 13398226.

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
12812682

Trichromacy



Original Color
13398226



Protanomaly
9536739



Deuteranomaly
10257870

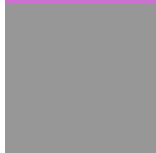


Tritanomaly
13007780

Monochromacy



Original Color
13398226



Achromatopsia
9934743



Achromatomaly
11176364

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13398226 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 #CC70D2 looks like.

```
.text, #text, p{  
  color:#CC70D2  
}
```

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 #CC70D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC70D2
}
```

Border

The CSS property to change the border of an element to Decimal 13398226 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
#CC70D2 }
```

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

```
.border{ border-color:#CC70D2 }
```

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

Here you see how a box with a 4 pixel #CC70D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC70D2; -webkit-box-shadow:4px 4px  
4px 4px #CC70D2; box-shadow:4px 4px 4px  
4px #CC70D2 }
```

Background

The CSS property to change the background color of an element to Decimal 13398226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC70D2 }
```

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

```
.background{ background-color:#CC70D2 }
```

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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