

Converting Colors

Decimal(13196012)

Have a look what the booklet for
Decimal(13196012) contains.

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Color

Decimal(13196012)

Conversions

Conversions Part 1

Format	Color
Hex	C95AEC
RGB	201, 90, 236
RGB Percent	79%, 35%, 93%
CMY	0.2118, 0.6471, 0.0745
CMYK	0.15, 0.62, 0.00, 0.07
HSL	286°, 79%, 64%
HSV	286°, 62%, 93%
XYZ	42.8839, 25.7860, 82.0738
YIQ	139.8330, 19.2900, 68.9380

Conversions

Conversions Part 2

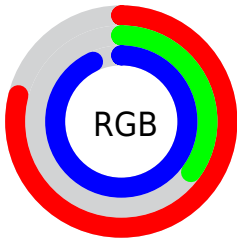
Format	Color
R _Y B	201, 90, 236
Decimal	13196012
CIE Lab	57.83, 65.24, -54.72
CIE LCh	58, 85.152, 320.015
Yxy	25.7860, 0.2845, 0.1711
Android (android.graphics.Color)	4291386092 (0xFFC95AEC)
YUV	139.8330, 47.4103, 53.6435
Hunter-Lab	50.7799, 61.8794, -60.2825

Details

The Decimal color **13196012** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **8252506**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16749311**, and **9379251** is the 20% darker color. If you saturate the color by 10%, you get **12796652**, and if you desaturate by 10%, it is **13595372**.

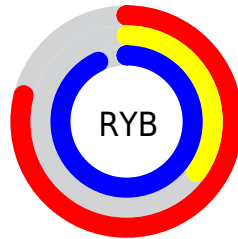
Distribution



Red (79%)

Green (35%)

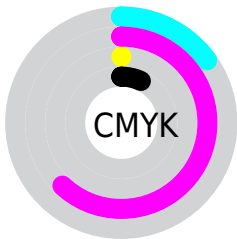
Blue (93%)



Red (79%)

Yellow (35%)

Blue (93%)

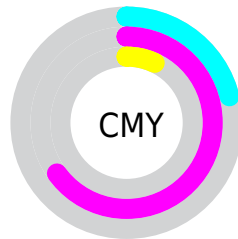


Cyan (15%)

Magenta (62%)

Yellow (0%)

Black (7%)



Cyan (21%)

















Magenta (65%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13196012 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 13196012 by changing the saturation by 10% instead.

 13196012	 13196012
 16777215	 11288015
 16749311	 9379251
 16756479	 7536792
 16763903	 5701757
 16771327	 3866724
	 2162763
	 51
	 541
	 0

■ 13196012

■ 13196012

■ 12796652

■ 13595372

■ 12463084

■ 13928940

■ 12063724

■ 14328300

■ 11731180

■ 14727404

■ 15061228

■ 15460588

■ 15859692

■ 16187372

■ 16580588

Harmonies

Analogous

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



3310591



13196012



16722087

Triad

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



13196012



12418816



43964

Complementary

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



13196012



8252506

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.



43375



13196012



7968256

Square

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



13196012



15686156



41752



43261

Rectangle

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



13196012



16719478



41752



43939

Sweetspot

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



13196012



15978495



5930732



7889536



0



8421504

Same Dimension

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



13196012



13779711



15489736



7498357



9044149



2687030

Inverse Universe

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



15489661



16728688



5958782



7694956



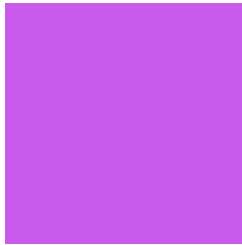
11862059



3538957

Previews

White Background



This preview shows how the Decimal color 13196012 looks on a white background.

Color Contrast Check

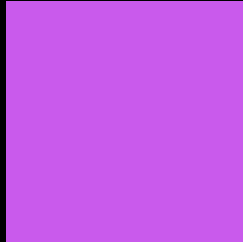
Large Text (above 18pt) WCAG AA ✓ Pass

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 13196012 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 13196012 Background



This preview shows how black text looks on a background with the Decimal color 13196012.



This preview shows how white text looks on a background with the Decimal color 13196012.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13196012 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 #C95AEC looks like.

```
.text, #text, p{  
    color:#C95AEC  
}
```

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 #C95AEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95AEC
}
```

Border

The CSS property to change the border of an element to Decimal 13196012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

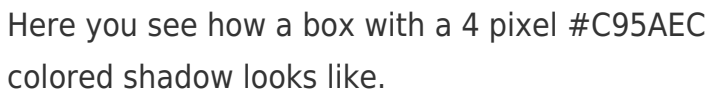
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C95AEC }
```

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

```
.border{ border-color:#C95AEC }
```

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



Here you see how a box with a 4 pixel `#C95AEC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95AEC; -webkit-box-shadow:4px 4px  
4px 4px #C95AEC; box-shadow:4px 4px 4px  
4px #C95AEC }
```

Background

The CSS property to change the background color of an element to Decimal 13196012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95AEC }
```

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

```
.background{ background-color:#C95AEC }
```

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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