

Converting Colors

Decimal(13012696)

Have a look what the booklet for
Decimal(13012696) contains.

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Color

Decimal(13012696)

Conversions

Conversions Part 1

Format	Color
Hex	C68ED8
RGB	198, 142, 216
RGB Percent	78%, 56%, 85%
CMY	0.2235, 0.4431, 0.1529
CMYK	0.08, 0.34, 0.00, 0.15
HSL	285°, 49%, 70%
HSV	285°, 34%, 85%
XYZ	45.3564, 36.3096, 69.5837
YIQ	167.1800, 9.6220, 34.8860

Conversions

Conversions Part 2

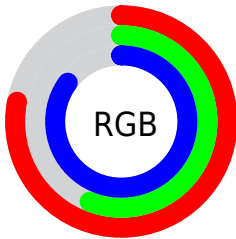
Format	Color
RYB	198, 142, 216
Decimal	13012696
CIELab	66.76, 34.02, -29.59
CIELCh	67, 45.085, 318.983
Yxy	36.3096, 0.2999, 0.2401
Android (android.graphics.Color)	4291202776 (0xFFC68ED8)
YUV	167.1800, 24.0683, 27.0291
Hunter-Lab	60.2575, 28.9081, -26.2862

Details

The Decimal color **13012696** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10541198**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16762111**, and **9395105** is the 20% darker color. If you saturate the color by 10%, you get **12679384**, and if you desaturate by 10%, it is **13346008**.

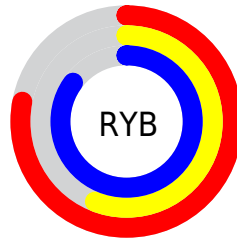
Distribution



Red (78%)

Green (56%)

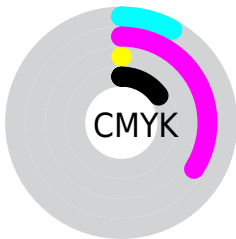
Blue (85%)



Red (78%)

Yellow (56%)

Blue (85%)

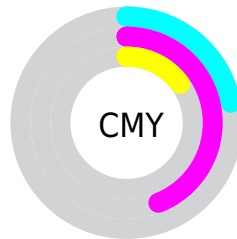


Cyan (8%)

Magenta (34%)

Yellow (0%)

Black (15%)



Cyan (22%)
















Magenta (44%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13012696 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 13012696 by changing the saturation by 10% instead.

 13012696	 13012696
 16777215	 11171004
 16762111	 9395105
 16769535	 7684743
 16776703	 5974637
	 4330068
	 2752573
	 1245223
	 272
	 0

 13012696

 13012696

 12679384

 13346008

 12280792

 13744600

 11947480

 14077912

 11614424

 14410968

 11281112

 14744280

 10882264

 15138776

 10682584

 15466456

 15794136

 16121816

Harmonies

Analogous

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



9346799



13012696



15172531

Triad

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



13012696



13146962



47035

Complementary

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



13012696



10541198

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.



3192466



13012696



10659923

Square

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



13012696



14978151



7582059



46303

Rectangle

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



13012696



15696280



7582059



47022

Sweetspot

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



13012696



16377599



9347544



8155264



0



8421504

Same Dimension

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



13012696



15111935



14192326



6840427



8454315



2162731

Inverse Universe

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



14192288



16750256



9361569



7037027



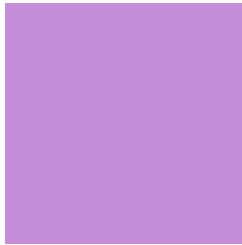
11206698



2818059

Previews

White Background



This preview shows how the Decimal color 13012696 looks on a white background.

Color Contrast Check

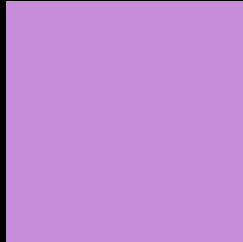
Large Text (above 18pt) WCAG AA × Fail

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 13012696 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 ✓ Pass

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

Decimal 13012696 Background



This preview shows how black text looks on a background with the Decimal color 13012696.

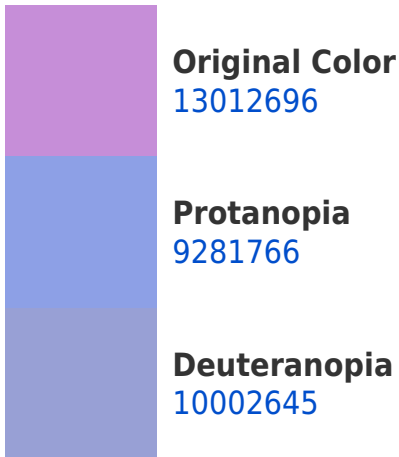



This preview shows how white text looks on a background with the Decimal color 13012696.

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
12490916

Trichromacy



Original Color
13012696



Protanomaly
10656225



Deuteranomaly
11114966



Tritanomaly
12686519

Monochromacy



Original Color
13012696



Achromatopsia
10987431



Achromatomaly
11706041

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13012696 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 #C68ED8 looks like.

```
.text, #text, p{  
    color:#C68ED8  
}
```

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 #C68ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68ED8
}
```

Border

The CSS property to change the border of an element to Decimal 13012696 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
#C68ED8 }
```

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

```
.border{ border-color:#C68ED8 }
```

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

Here you see how a box with a 4 pixel #C68ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68ED8; -webkit-box-shadow:4px 4px  
4px 4px #C68ED8; box-shadow:4px 4px 4px  
4px #C68ED8 }
```

Background

The CSS property to change the background color of an element to Decimal 13012696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68ED8 }
```

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

```
.background{ background-color:#C68ED8 }
```

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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