

Converting Colors

Decimal(11296226)

Have a look what the booklet for
Decimal(11296226) contains.

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Color

Decimal(11296226)

Conversions

Conversions Part 1

Format	Color
Hex	AC5DE2
RGB	172, 93, 226
RGB Percent	67%, 36%, 89%
CMY	0.3255, 0.6353, 0.1137
CMYK	0.24, 0.59, 0.00, 0.11
HSL	276°, 70%, 63%
HSV	276°, 59%, 89%
XYZ	34.6551, 22.0903, 74.3888
YIQ	131.7830, 4.3910, 58.1110

Conversions

Conversions Part 2

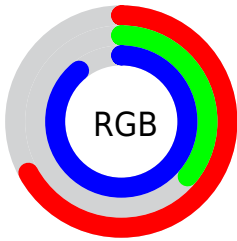
Format	Color
RYB	172, 93, 226
Decimal	11296226
CIELab	54.12, 54.95, -55.25
CIELCh	54, 77.920, 314.844
Yxy	22.0903, 0.2643, 0.1685
Android (android.graphics.Color)	4289486306 (0xFFAC5DE2)
YUV	131.7830, 46.4490, 35.2703
Hunter-Lab	47.0004, 49.3639, -60.9397

Details

The Decimal color **11296226** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9691741**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **15111167**, and **7612586** is the 20% darker color. If you saturate the color by 10%, you get **10700514**, and if you desaturate by 10%, it is **11891938**.

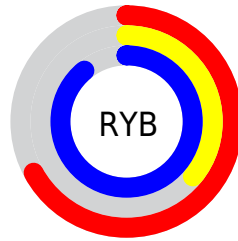
Distribution



Red (67%)

Green (36%)

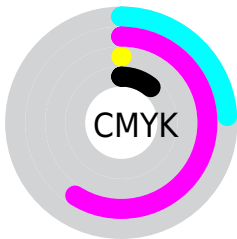
Blue (89%)



Red (67%)

Yellow (36%)

Blue (89%)

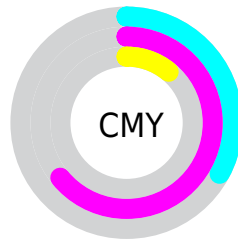


Cyan (24%)

Magenta (59%)

Yellow (0%)

Black (11%)



Cyan (33%)
















Magenta (64%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11296226 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 11296226 by changing the saturation by 10% instead.

 11296226	 11296226
16777215	 9454534
 15111167	 7612586
 16756479	 5768335
 16763647	 3932276
 16771071	 2031707
	 67
	 811
	 278
	 0

■ 11296226

■ 11296226

■ 10700514

■ 11891938

■ 10105058

■ 12487394

■ 9443810

■ 13148642

■ 8848354

■ 13744098

■ 8782050

■ 14339810

■ 14935522

■ 15530978

■ 16121826

■ 16777186

Harmonies

Analogous

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



32767



11296226



15086758

Triad

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



11296226



12087808



40610

Complementary

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



11296226



9691741

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.



40028



11296226



8292608

Square

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



11296226



14897185



2070023



40160

Rectangle

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



11296226



16065914



2070023



40587

Sweetspot

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



11296226



15520255



6132962



7627648



0



8421504

Same Dimension

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



11296226



11881215



14835159



7103856



6881456



1900592

Inverse Universe

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



14835091



16730771



6152808



7365994



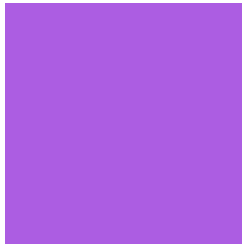
11534407



3145748

Previews

White Background



This preview shows how the Decimal color 11296226 looks on a white background.

Color Contrast Check

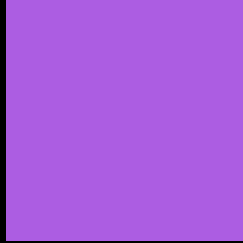
Large Text (above 18pt) WCAG AA ✓ Pass

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 11296226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

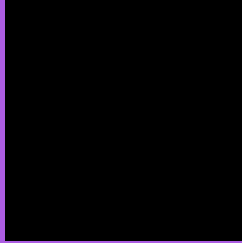
Any Text WCAG AA ✓ Pass

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 11296226 Background



This preview shows how black text looks on a background with the Decimal color 11296226.



This preview shows how white text looks on a background with the Decimal color 11296226.

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
10254465

Trichromacy



Original Color
11296226



Protanomaly
6124020



Deuteranomaly
6911454



Tritanomaly
10645156

Monochromacy



Original Color
11296226



Achromatopsia
8684676



Achromatomaly
9664166

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11296226 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 #AC5DE2 looks like.

```
.text, #text, p{  
  color:#AC5DE2  
}
```

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 #AC5DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5DE2
}
```

Border

The CSS property to change the border of an element to Decimal 11296226 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
#AC5DE2 }
```

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

```
.border{ border-color:#AC5DE2 }
```

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

Here you see how a box with a 4 pixel #AC5DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5DE2; -webkit-box-shadow:4px 4px  
4px 4px #AC5DE2; box-shadow:4px 4px 4px  
4px #AC5DE2 }
```

Background

The CSS property to change the background color of an element to Decimal 11296226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5DE2 }
```

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

```
.background{ background-color:#AC5DE2 }
```

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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