

Converting Colors

Decimal(11206780)

Have a look what the booklet for
Decimal(11206780) contains.

Decimal(11206780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11206780)

Conversions

Conversions Part 1

Format	Color
Hex	AB007C
RGB	171, 0, 124
RGB Percent	67%, 0%, 49%
CMY	0.3294, 1.0000, 0.5137
CMYK	0.00, 1.00, 0.27, 0.33
HSL	316°, 100%, 34%
HSV	316°, 100%, 67%
XYZ	20.4327, 10.1132, 19.9439
YIQ	65.2650, 62.1120, 74.8160

Conversions

Conversions Part 2

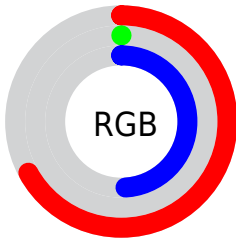
Format	Color
RYB	171, 0, 124
Decimal	11206780
CIELab	38.04, 66.57, -20.40
CIELCh	38, 69.629, 342.961
Yxy	10.1132, 0.4047, 0.2003
Android (android.graphics.Color)	4289396860 (0xFFAB007C)
YUV	65.2650, 28.9564, 92.7296
Hunter-Lab	31.8012, 59.0364, -14.9225

Details

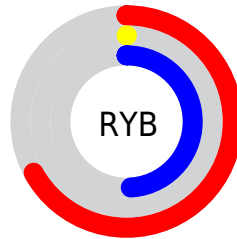
The Decimal color **11206780** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **43823**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **15094449**, and **7471179** is the 20% darker color. If you saturate the color by 10%, you get **11206780**, and if you desaturate by 10%, it is **11211137**.

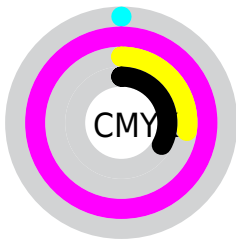
Distribution



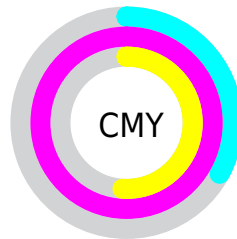
- Red (67%)
- Green (0%)
- Blue (49%)



- Red (67%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11206780 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 11206780 by changing the saturation by 10% instead.

 11206780  11206780

16777215  9306211

 15094449  7471179

 16740300  5570612

 16747497  3932191

 16754943  1835009

 16762367  0

 16770047

 11206780

 11211137

■ 11215493

■ 11219850

■ 11224207

■ 11228563

■ 11233176

■ 11237533

■ 11241890

■ 11246246

Harmonies

Analogous

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



7814061



11206780



12124228

Triad

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



11206780



5791488



28838

Complementary

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



11206780



43823

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.



29041



11206780



27136

Square

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



11206780



8932096



28470



27079

Rectangle

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



11206780



11671328



28470



28822

Sweetspot

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



11206780



14588876



3014827



7358565



15790320



7368816

Same Dimension

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



11206780



14549153



11206696



5721684



9830509



1507345

Inverse Universe

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



11206780



14549153



43907



5721684



9830509



1507345

Previews

White Background



This preview shows how the Decimal color 11206780 looks on a white background.

Color Contrast Check

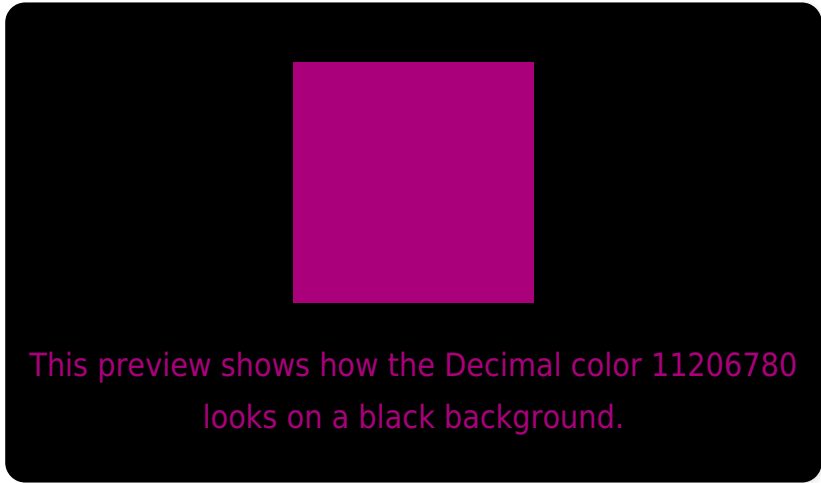
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Decimal 11206780 Background



This preview shows how black text looks on a background with the Decimal color 11206780.

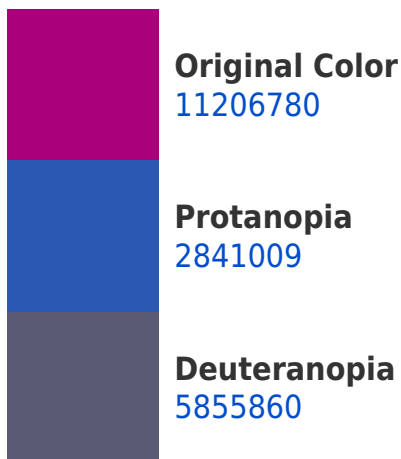


This preview shows how white text looks on a background with the Decimal color 11206780.

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
10891571

Trichromacy



Original Color
11206780



Protanomaly
5912990



Deuteranomaly
7813495

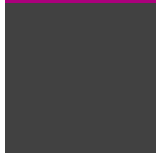


Tritanomaly
11018062

Monochromacy



Original Color
11206780



Achromatopsia
4276545



Achromatomaly
6826326

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11206780 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 #AB007C looks like.

```
.text, #text, p{  
  color:#AB007C  
}
```

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 #AB007C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB007C
}
```

Border

The CSS property to change the border of an element to Decimal 11206780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

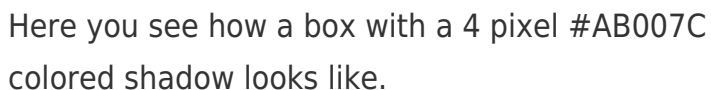
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB007C }
```

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

```
.border{ border-color:#AB007C }
```

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



Here you see how a box with a 4 pixel `#AB007C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB007C; -webkit-box-shadow:4px 4px  
4px 4px #AB007C; box-shadow:4px 4px 4px  
4px #AB007C }
```

Background

The CSS property to change the background color of an element to Decimal 11206780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB007C }
```

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

```
.background{ background-color:#AB007C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor