

# Converting Colors

Decimal(11026124)

Have a look what the booklet for  
Decimal(11026124) contains.

<b>Decimal(11026124)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(11026124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A83ECC
RGB	168, 62, 204
RGB Percent	66%, 24%, 80%
CMY	0.3412, 0.7569, 0.2000
CMYK	0.18, 0.70, 0.00, 0.20
HSL	285°, 58%, 52%
HSV	285°, 70%, 80%
XYZ	28.7702, 16.1297, 58.7237
YIQ	109.8820, 17.5940, 66.6340

# Conversions

## Conversions Part 2

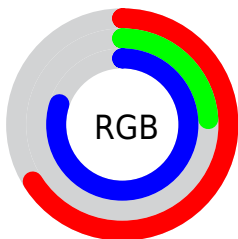
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 62, 204
Decimal	11026124
CIE <sub>Lab</sub>	47.14, 63.54, -53.93
CIE <sub>LCh</sub>	47, 83.342, 319.679
Yxy	16.1297, 0.2776, 0.1557
Android (android.graphics.Color)	4289216204 (0xFFA83ECC)
YUV	109.8820, 46.4002, 50.9695
Hunter-Lab	40.1618, 57.5864, -58.5793

# Details

The Decimal color **11026124** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **6474814**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **14841599**, and **7274645** is the 20% darker color. If you saturate the color by 10%, you get **10693324**, and if you desaturate by 10%, it is **11358924**.

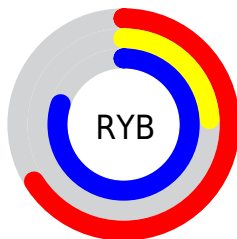
# Distribution



Red (66%)

Green (24%)

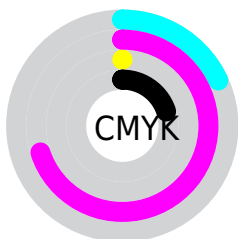
Blue (80%)



Red (66%)

Yellow (24%)

Blue (80%)

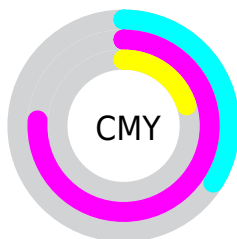


Cyan (18%)

Magenta (70%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (76%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11026124 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 11026124 by changing the saturation by 10% instead.



 11026124

 11026124

16777215

 9182896

 14841599

 7274645

 16749311

 5505146

 16756479

 3670113

 16763647

 1900616

 16771327

 49

 283

 0

 11026124

 11026124

■ 10693324

■ 11358924

■ 10360268

■ 11691980

■ 9961932

■ 12090316

■ 9961676

■ 12423372

■ 12756172

■ 13088972

■ 13422028

■ 13754828

■ 14153420

# Harmonies

## Analogous

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



27126



11026124



14418059

# Triad

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



11026124



10314752



35998

# Complementary

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



11026124



6474814

# 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.



35668



11026124



6126080

# Square

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



11026124



13319680



34304



35547

# Rectangle

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



11026124



15073373



34304



35974



# Sweetspot

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



11026124



15845887



4089036



7823488



0



8421504



# Same Dimension

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



11026124



13183487



13385387



6511718



8126630



1900582



# Inverse Universe

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



13385314



16722271



4115551



6708318



10879018

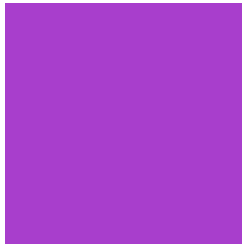


2490378



# Previews

## White Background



This preview shows how the Decimal color 11026124 looks on a white background.

## Color Contrast Check

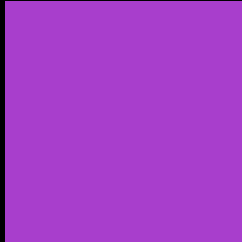
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11026124 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

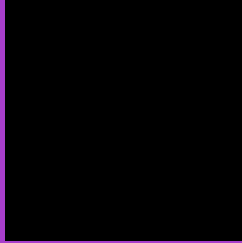
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11026124 Background



This preview shows how black text looks on a background with the Decimal color 11026124.




This preview shows how white text looks on a background with the Decimal color 11026124.

# 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**  
10051687

# Trichromacy



**Original Color**

11026124



**Protanomaly**

4021213



**Deuteranomaly**

5922758



**Tritanomaly**

10376332

# Monochromacy



**Original Color**

11026124



**Achromatopsia**

7237230



**Achromatomaly**

8609168

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11026124 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 #A83ECC looks like.

```
.text, #text, p{  
    color:#A83ECC  
}
```

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 #A83ECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83ECC
}
```

## Border

The CSS property to change the border of an element to Decimal 11026124 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".

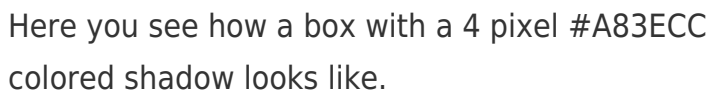
```
.border, #border, table{ border:4px solid
#A83ECC }
```

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

```
.border{ border-color:#A83ECC }
```

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

Here you see how a box with a 4 pixel #A83ECC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and right sides, and a thicker purple shadow on the bottom and left sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83ECC; -webkit-box-shadow:4px 4px  
4px 4px #A83ECC; box-shadow:4px 4px 4px  
4px #A83ECC }
```

# Background

The CSS property to change the background color of an element to Decimal 11026124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83ECC }
```

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

```
.background{ background-color:#A83ECC }
```

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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