

# Converting Colors

Decimal(11127274)

Have a look what the booklet for  
Decimal(11127274) contains.

**Decimal(11127274)** ..... 3

***Conversions*** ..... 4

***Details*** ..... 6

***Harmonies*** ..... 11

***Previews*** ..... 23

***Color Blindness Simulation*** ..... 26

***CSS Examples*** ..... 29

# Color

**Decimal(11127274)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A9C9EA
RGB	169, 201, 234
RGB Percent	66%, 79%, 92%
CMY	0.3373, 0.2118, 0.0824
CMYK	0.28, 0.14, 0.00, 0.08
HSL	210°, 61%, 79%
HSV	210°, 28%, 92%
XYZ	52.1001, 56.1488, 85.9337
YIQ	195.1940, -29.6650, 3.4790

# Conversions

## Conversions Part 2

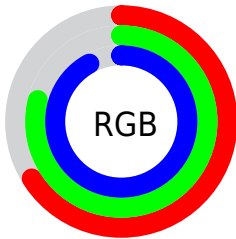
Format	Color
<a href="#">RYB</a>	<a href="#">169, 190, 234</a>
Decimal	<a href="#">11127274</a>
CIELab	<a href="#">79.70, -3.29, -19.83</a>
CIELCh	<a href="#">80, 20.101, 260.573</a>
Yxy	<a href="#">56.1488, 0.2683, 0.2892</a>
Android (android.graphics.Color)	<a href="#">4289317354</a> <a href="#">(0xFFA9C9EA)</a>
YUV	<a href="#">195.1940, 19.1314, -22.9721</a>
Hunter-Lab	<a href="#">74.9325, -7.0220, -15.5419</a>

# Details

The Decimal color **11127274** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15387305**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **14811135**, and **7574450** is the 20% darker color. If you saturate the color by 10%, you get **9616874**, and if you desaturate by 10%, it is **12637674**.

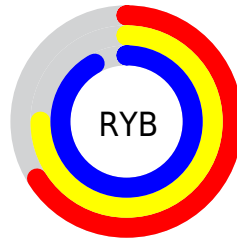
# Distribution



Red (66%)

Green (79%)

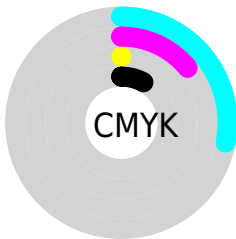
Blue (92%)



Red (66%)

Yellow (75%)

Blue (92%)

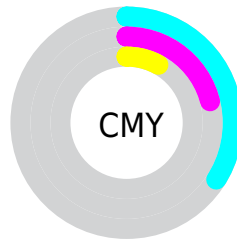


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (8%)



Cyan (34%)

Magenta (21%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11127274 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 11127274 by changing the saturation by 10% instead.





11127274



11127274

16777215



9350862



14811135



7574450

16711679



5863831



4219261



2574692



602956




7734




545



5

 11127274

 11127274

 9616874

 12637674

 8040938

 14213610

 6530538

 15724010

 4954602

 16775658

 3444458

 16777194

 1934058

 358122

 29674

# Harmonies

## Analogous

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



9948898



11127274



12698600

# Triad

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



11127274



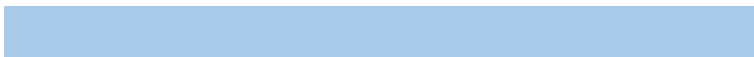
15579577



11652525

# Complementary

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



11127274



15387305

# 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.



13027490



11127274



15252649

# Square

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



11127274



15251916



14336673



10408127

# Rectangle

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



11127274



13746146



14336673



12111017

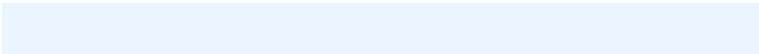


# Sweetspot

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



11127274



15463935



11135690



7567744



0



8421504

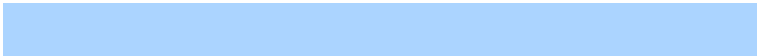


# Same Dimension

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



11127274



11261183



11119082



6975349



22965



6710



# Inverse Universe

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



15378889



16755668



15395497



7694959



11862105

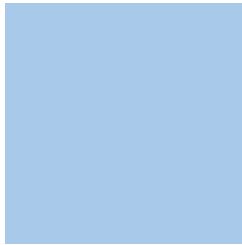


3538970



# Previews

## White Background



This preview shows how the Decimal color 11127274 looks on a white background.

## Color Contrast Check

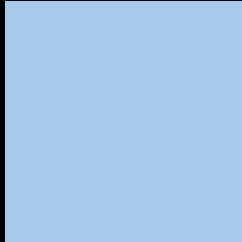
Large Text (above 18pt) WCAG AA × Fail

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 11127274 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

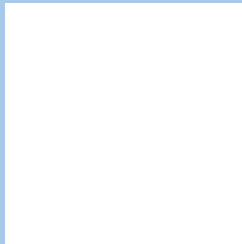
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 11127274 Background



This preview shows how black text looks on a background with the Decimal color 11127274.



This preview shows how white text looks on a background with the Decimal color 11127274.

# 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](#).

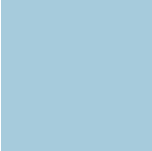
## Dichromacy



**Original Color**  
11127274

**Protanopia**  
12501990

**Deuteranopia**  
12960236



**Tritanopia**  
10931164

# Trichromacy

	<b>Original Color</b> 11127274
	<b>Protanomaly</b> 11978215
	<b>Deuteranomaly</b> 12305643
	<b>Tritanomaly</b> 10996449

# Monochromacy

	<b>Original Color</b> 11127274
	<b>Achromatopsia</b> 12829635
	<b>Achromatomaly</b> 12240337

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11127274 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 #A9C9EA looks like.

```
.text, #text, p{  
    color:#A9C9EA  
}
```

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 #A9C9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9C9EA
}
```

## Border

The CSS property to change the border of an element to Decimal 11127274 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
#A9C9EA }
```

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

```
.border{ border-color:#A9C9EA }
```

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

Here you see how a box with a 4 pixel #A9C9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9C9EA; -webkit-box-shadow:4px 4px  
4px 4px #A9C9EA; box-shadow:4px 4px 4px  
4px #A9C9EA }
```

# Background

The CSS property to change the background color of an element to Decimal 11127274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9C9EA }
```

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

```
.background{ background-color:#A9C9EA }
```

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