

# Converting Colors

Android(4288002773)

Have a look what the booklet for  
Android(4288002773) contains.

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# **Color**

**Android(4288002773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95BAD5
RGB	149, 186, 213
RGB Percent	58%, 73%, 84%
CMY	0.4157, 0.2706, 0.1647
CMYK	0.30, 0.13, 0.00, 0.16
HSL	205°, 43%, 71%
HSV	205°, 30%, 84%
XYZ	41.9636, 46.3115, 69.6781
YIQ	178.0150, -30.7190, 0.5530

# Conversions

## Conversions Part 2

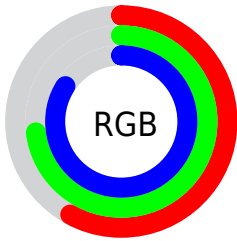
Format	Color
<a href="#">RYB</a>	<a href="#">149, 172, 213</a>
Decimal	<a href="#">9812693</a>
CIELab	<a href="#">73.75, -6.11, -17.61</a>
CIELCh	<a href="#">74, 18.643, 250.858</a>
Yxy	<a href="#">46.3115, 0.2657, 0.2932</a>
Android (android.graphics.Color)	<a href="#">4288002773 (0xFF95BAD5)</a>
YUV	<a href="#">178.0150, 17.2476, -25.4462</a>
Hunter-Lab	<a href="#">68.0525, -9.0226, -13.0695</a>

# Details

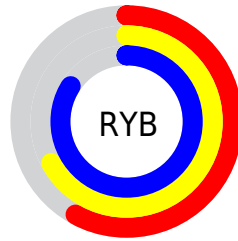
The Android color `4288002773` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4292194453`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4291621631`, and `4284515742` is the 20% darker color. If you saturate the color by 10%, you get `4286624213`, and if you desaturate by 10%, it is `4289381333`.

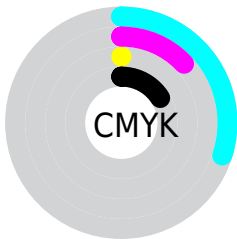
# Distribution



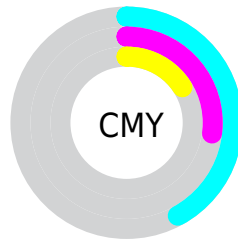
- Red (58%)
- Green (73%)
- Blue (84%)



- Red (58%)
- Yellow (67%)
- Blue (84%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)
















- Cyan (42%)
- Magenta (27%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288002773 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 Android color 4288002773 by changing the saturation by 10% instead.



 4288002773	 4288002773
4294967295	 4286226361
 4291621631	 4284515742
 4293525503	 4282870916
	 4281160811
	 4279385171
	 4278200123
	 4278194726
	 4278190352
	 4278190080

■ 4288002773

■ 4288002773

■ 4286624213

■ 4289381333

■ 4285180117

■ 4290825429

■ 4283801557

■ 4292203989

■ 4282422997

■ 4293582549

■ 4280978901

■ 4294961109

■ 4279600341

■ 4294963413

■ 4278221781

■ 4294965717

■ 4294967253

# Harmonies

## Analogous

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



4287217355



4288002773



4289377751

# Triad

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



4288002773



4292454831



4289313691

# Complementary

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



4288002773



4292194453

# 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.



4290557588



4288002773



4292324512

# Square

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



4288002773



4291931073



4291670165



4288069289

# Rectangle

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



4288002773



4290359763



4291670165



4289706648



# Sweetspot

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



4288002773



4293457407



4288009648



4285627008



4278190080



4286611584

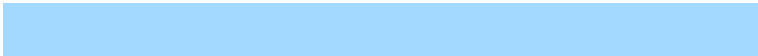


# Same Dimension

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



4288002773



4288927999



4287994581



4284508011



4278215595



4278196523



# Inverse Universe

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



4292187578



4294943704



4292202645



4285227111



4289396835

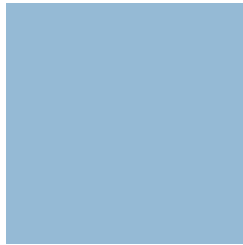


4281008153



# Previews

## White Background



This preview shows how the Android color 4288002773 looks on a white background.

## Color Contrast Check

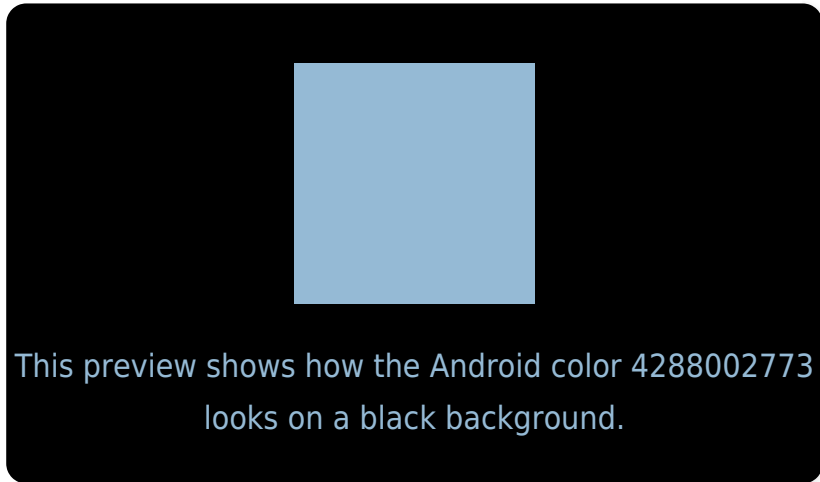
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

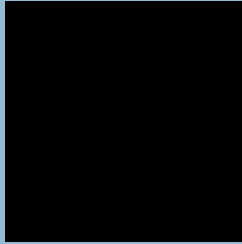
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4288002773 Background



This preview shows how black text looks on a background with the Android color 4288002773.



This preview shows how white text looks on a background with the Android color 4288002773.

# 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





# Trichromacy



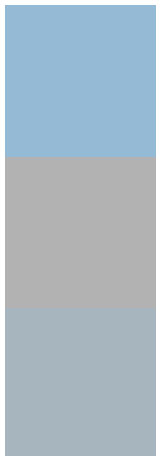
**Original Color**  
4288002773

**Protanomaly**  
4289115858

**Deuteranomaly**  
4289377494

**Tritanomaly**  
4287937487

# Monochromacy



**Original Color**  
4288002773

**Achromatopsia**  
4289901234

**Achromatomaly**  
4289181119

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288002773 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 `rgb(149, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 213)  
}
```

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 rgb(149, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 213) }
```

## Border

The CSS property to change the border of an element to Android 4288002773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

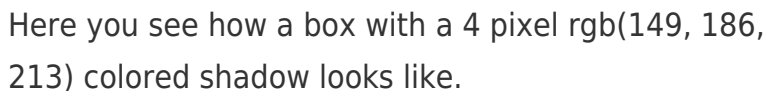
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 186, 213) }
```

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

```
.border{ border-color:rgb(149, 186, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 186, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 186, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 186, 213); box-shadow:4px 4px 4px 4px rgb(149, 186, 213) }
```

# Background

The CSS property to change the background color of an element to Android 4288002773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 213) }
```

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

```
.background{ background-color: rgb(149,  
186, 213) }
```

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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