

# Converting Colors

Android(4286232820)

Have a look what the booklet for  
Android(4286232820) contains.

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# **Color**

**Android(4286232820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7AB8F4
RGB	122, 184, 244
RGB Percent	48%, 72%, 96%
CMY	0.5216, 0.2784, 0.0431
CMYK	0.50, 0.25, 0.00, 0.04
HSL	210°, 85%, 72%
HSV	210°, 50%, 96%
XYZ	41.4957, 44.9502, 92.0772
YIQ	172.3020, -56.2120, 5.5160

# Conversions

## Conversions Part 2

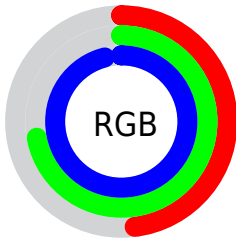
Format	Color
<a href="#">RYB</a>	<a href="#">122, 163, 244</a>
Decimal	<a href="#">8042740</a>
CIELab	<a href="#">72.86, -3.71, -35.92</a>
CIELCh	<a href="#">73, 36.115, 264.110</a>
Yxy	<a href="#">44.9502, 0.2324, 0.2518</a>
Android (android.graphics.Color)	<a href="#">4286232820</a> ( <a href="#">0xFF7AB8F4</a> )
YUV	<a href="#">172.3020, 35.3471, -44.1149</a>
Hunter-Lab	<a href="#">67.0449, -6.8508, -34.4954</a>

# Details

The Android color `4286232820` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294227578`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4290048255`, and `4282287036` is the 20% darker color. If you saturate the color by 10%, you get `4284656884`, and if you desaturate by 10%, it is `4287808756`.

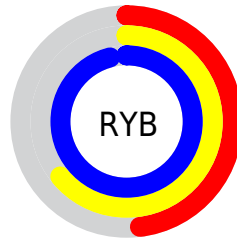
# Distribution



Red (48%)

Green (72%)

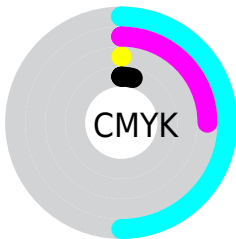
Blue (96%)



Red (48%)

Yellow (64%)

Blue (96%)

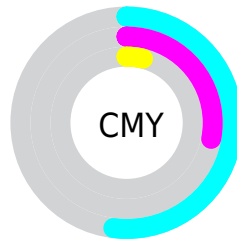


Cyan (50%)

Magenta (25%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (28%)















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286232820 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 4286232820 by changing the saturation by 10% instead.



 4286232820	 4286232820
4294967295	 4284325335
 4290048255	 4282287036
 4291952639	 4279659168
 4293918719	 4278211206
	 4278205292
	 4278199892
	 4278194492
	 4278190630
	 4278190351

■ 4286232820

■ 4286232820

■ 4284656884

■ 4287808756

■ 4283015412

■ 4289450228

■ 4281439476

■ 4291026164

■ 4279798004

■ 4292667636

■ 4278222068

■ 4294243572

■ 4294967284

# Harmonies

## Analogous

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



4282958055



4286232820



4289637871

# Triad

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



4286232820



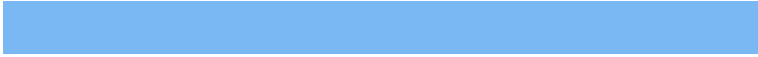
4294220697



4287086731

# Complementary

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



4286232820



4294227578

# 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.



4289640822



4286232820



4293436286

# Square

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



4286232820



4293827259



4291800945



4284400811

# Rectangle

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



4286232820



4291536354



4291800945



4288003714



# Sweetspot

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



4286232820



4292472063



4286248117



4285101184



4278190080



4286611584



# Same Dimension

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



4286232820



4284921087



4286217460



4285428858



4278214586



4278197819



# Inverse Universe

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



4294212280



4294928052



4294242938



4286213748



4290379871

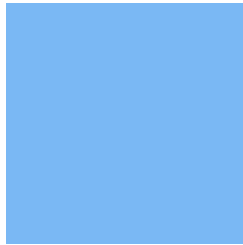


4282056734



# Previews

## White Background



This preview shows how the Android color 4286232820 looks on a white background.

## Color Contrast Check

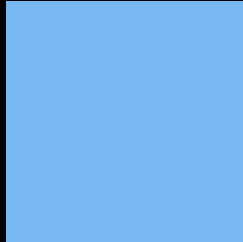
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4286232820 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

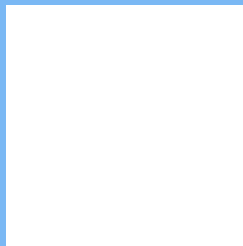
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286232820 Background



This preview shows how black text looks on a background with the Android color 4286232820.



This preview shows how white text looks on a background with the Android color 4286232820.

# 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**  
4286232820

**Protanomaly**  
4287869936

**Deuteranomaly**  
4287673333

**Tritanomaly**  
4285709532

# Monochromacy



**Original Color**  
4286232820

**Achromatopsia**  
4289506476

**Achromatomaly**  
4288327878

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286232820 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(122, 184, 244)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 244)  
}
```

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(122, 184, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 244) }
```

## Border

The CSS property to change the border of an element to Android 4286232820 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(122, 184, 244) }
```

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

```
.border{ border-color:rgb(122, 184, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 184, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 184, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 184, 244); box-shadow:4px 4px 4px 4px rgb(122, 184, 244) }
```

# Background

The CSS property to change the background color of an element to Android 4286232820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 244) }
```

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

```
.background{ background-color: rgb(122,  
184, 244) }
```

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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