

# Converting Colors

Android(4286888417)

Have a look what the booklet for  
Android(4286888417) contains.

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# **Color**

**Android(4286888417)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84B9E1
RGB	132, 185, 225
RGB Percent	52%, 73%, 88%
CMY	0.4824, 0.2745, 0.1176
CMYK	0.41, 0.18, 0.00, 0.12
HSL	206°, 61%, 70%
HSV	206°, 41%, 88%
XYZ	40.4553, 45.0397, 77.7955
YIQ	173.7130, -44.4280, 1.2040

# Conversions

## Conversions Part 2

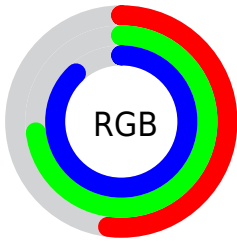
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 166, 225</a>
Decimal	<a href="#">8698337</a>
CIELab	<a href="#">72.92, -7.16, -25.49</a>
CIELCh	<a href="#">73, 26.476, 254.317</a>
Yxy	<a href="#">45.0397, 0.2478, 0.2758</a>
Android (android.graphics.Color)	<a href="#">4286888417 (0xFF84B9E1)</a>
YUV	<a href="#">173.7130, 25.2845, -36.5823</a>
Hunter-Lab	<a href="#">67.1116, -9.8445, -21.7505</a>

# Details

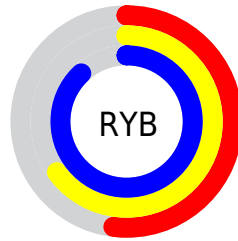
The Android color `4286888417` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4292979844`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4290572799`, and `4283270314` is the 20% darker color. If you saturate the color by 10%, you get `4285444065`, and if you desaturate by 10%, it is `4288398305`.

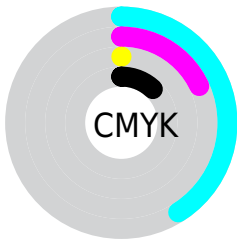
# Distribution



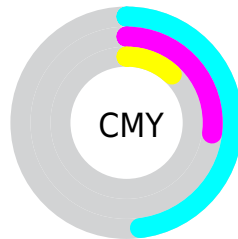
- Red (52%)
- Green (73%)
- Blue (88%)



- Red (52%)
- Yellow (65%)
- Blue (88%)



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (27%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286888417 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 4286888417 by changing the saturation by 10% instead.





4286888417



4286888417

4294967295



4285046469



4290572799



4283270314



4292476927



4281363343



4294377471



4278866805



4278205533



4278199877



4278194734



4278190361



4278190080

■ 4286888417

■ 4286888417

■ 4285444065

■ 4288398305

■ 4283934433

■ 4289842401

■ 4282490081

■ 4291352289

■ 4280980193

■ 4292796641

■ 4279536097

■ 4294240737

■ 4278223073

■ 4294964193

■ 4294966753

■ 4294967265

# Harmonies

## Analogous

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



4285447892



4286888417



4289049058

# Triad

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



4286888417



4293173928



4288527504

# Complementary

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



4286888417



4292979844

# 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.



4290360708



4286888417



4292912786

# Square

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



4286888417



4292584385



4291865989



4286759077

# Rectangle

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



4286888417



4290489563



4291865989



4289182346

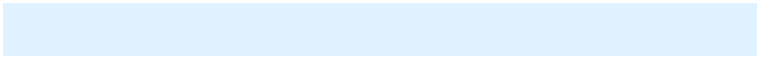


# Sweetspot

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



4286888417



4292932351



4286898603



4285429888



4278190080



4286611584

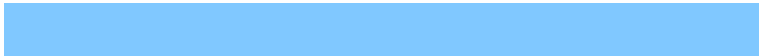


# Same Dimension

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



4286888417



4286630143



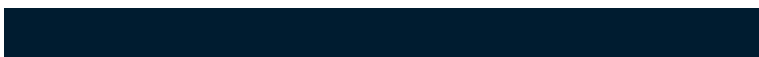
4286876897



4284836720



4278215856



4278197296



# Inverse Universe

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



4292969657



4294934728



4292991364



4285556075



4289724516



4281335836



# Previews

## White Background



This preview shows how the Android color 4286888417 looks on a white background.

## Color Contrast Check

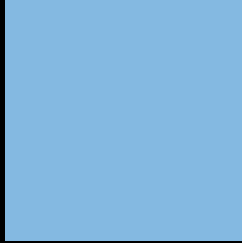
Large Text (above 18pt) WCAG AA × Fail

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 4286888417 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 4286888417 Background



This preview shows how black text looks on a background with the Android color 4286888417.

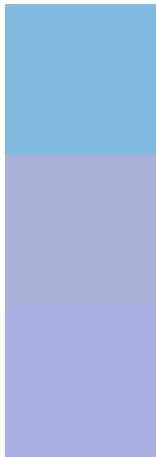


This preview shows how white text looks on a background with the Android color 4286888417.

# 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**  
4286888417

**Protanopia**  
4289311195

**Deuteranopia**  
4289376227



# Trichromacy



**Original Color**  
4286888417

**Protanomaly**  
4288459997

**Deuteranomaly**  
4288459746

**Tritanomaly**  
4286627028

# Monochromacy



**Original Color**  
4286888417

**Achromatopsia**  
4289638062

**Achromatomaly**  
4288656065

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286888417 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(132, 185, 225)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 225)  
}
```

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(132, 185, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 225) }
```

## Border

The CSS property to change the border of an element to Android 4286888417 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(132, 185, 225) }
```

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

```
.border{ border-color:rgb(132, 185, 225) }
```

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

Here you see how a box with a 4 pixel rgb(132, 185, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 225);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4286888417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 225) }
```

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

```
.background{ background-color: rgb(132,  
185, 225) }
```

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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