

# Converting Colors

Android(4282493174)

Have a look what the booklet for  
Android(4282493174) contains.

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# **Color**

**Android(4282493174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41A8F6
RGB	65, 168, 246
RGB Percent	25%, 66%, 96%
CMY	0.7451, 0.3412, 0.0353
CMYK	0.74, 0.32, 0.00, 0.04
HSL	206°, 91%, 61%
HSV	206°, 74%, 96%
XYZ	32.8172, 35.7829, 92.3659
YIQ	146.0950, -86.4260, 2.4220

# Conversions

## Conversions Part 2

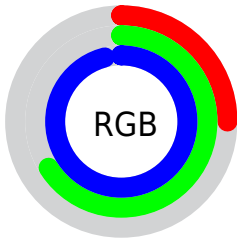
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 131, 246
Decimal	4303094
CIE Lab	66.35, -4.20, -47.34
CIE LCh	66, 47.525, 264.928
Yxy	35.7829, 0.2039, 0.2223
Android (android.graphics.Color)	4282493174 (0xFF41A8F6)
YUV	146.0950, 49.2532, -71.1203
Hunter-Lab	59.8188, -6.7562, -49.6762

# Details

The Android color `4282493174` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294348609`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4287029247`, and `4278219965` is the 20% darker color. If you saturate the color by 10%, you get `4280851958`, and if you desaturate by 10%, it is `4284134390`.

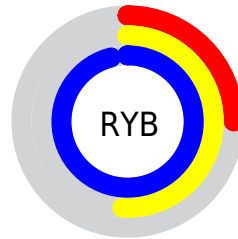
# Distribution



Red (25%)

Green (66%)

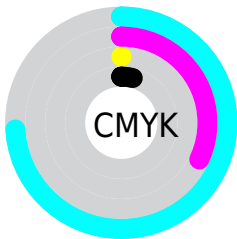
Blue (96%)



Red (25%)

Yellow (51%)

Blue (96%)

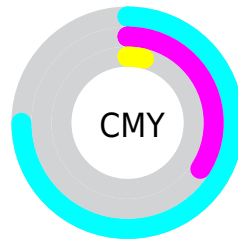


Cyan (74%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (75%)

Magenta (34%)

















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282493174 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 4282493174 by changing the saturation by 10% instead.



 4282493174	 4282493174
 4294967295	 4278226649
 4287029247	 4278219965
 4289133567	 4278213794
 4291166207	 4278207879
 4293132287	 4278202221
	 4278197333
	 4278191677
	 4278190886
	 4278190351

■ 4282493174

■ 4282493174

■ 4280851958

■ 4284134390

■ 4279276534

■ 4285709814

■ 4278226166

■ 4287351030

■ 4288926454

■ 4290567670

■ 4292208886

■ 4293784310

■ 4294966774

■ 4294967286

# Harmonies

## Analogous

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



4278235878



4282493174



4288256495

# Triad

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



4282493174



4294017152



4284723822

# Complementary

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



4282493174



4294348609

# 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.



4288129617



4282493174



4292971869

# Square

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



4282493174



4293689002



4290878538



4278237080

# Rectangle

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



4282493174



4290809566



4290878538



4285968483

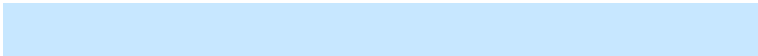


# Sweetspot

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



4282493174



4291291135



4282513036



4284379520



4278190080



4286611584



# Same Dimension

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



4282493174



4280262399



4282470646



4285429114



4278217402



4278198587



# Inverse Universe

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



4294328744



4294909854



4294371137



4286213749



4290379882

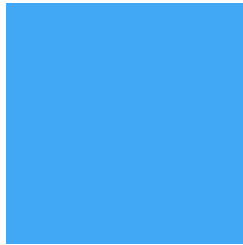


4282056737



# Previews

## White Background



This preview shows how the Android color 4282493174 looks on a white background.

## Color Contrast Check

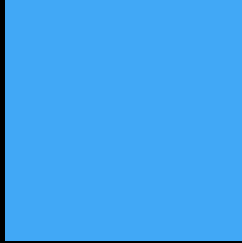
Large Text (above 18pt) WCAG AA × Fail

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 4282493174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

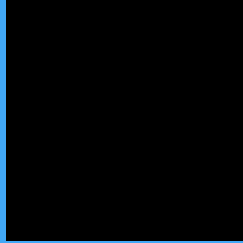
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

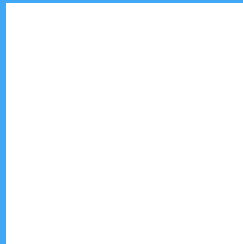
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282493174 Background



This preview shows how black text looks on a background with the Android color 4282493174.



This preview shows how white text looks on a background with the Android color 4282493174.

# 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**  
4282493174

**Protanomaly**  
4285309680

**Deuteranomaly**  
4284589047

**Tritanomaly**  
4279807700

# Monochromacy



**Original Color**  
4282493174

**Achromatopsia**  
4287795858

**Achromatomaly**  
4285897398

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282493174 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(65, 168, 246)` looks like.

```
.text, #text, p{  
    color:rgb(65, 168, 246)  
}
```

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(65, 168, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 168, 246) }
```

## Border

The CSS property to change the border of an element to Android 4282493174 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(65, 168, 246) }
```

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

```
.border{ border-color:rgb(65, 168, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 168, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 168, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 168, 246);  
box-shadow:4px 4px 4px 4px rgb(65, 168,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4282493174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 168, 246) }
```

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

```
.background{ background-color: rgb(65, 168,  
246) }
```

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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