

# Converting Colors

Android(4282820604)

Have a look what the booklet for  
Android(4282820604) contains.

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# **Color**

**Android(4282820604)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	46A7FC
RGB	70, 167, 252
RGB Percent	27%, 65%, 99%
CMY	0.7255, 0.3451, 0.0118
CMYK	0.72, 0.34, 0.00, 0.01
HSL	208°, 97%, 63%
HSV	208°, 72%, 99%
XYZ	33.9152, 35.9678, 97.2504
YIQ	147.6870, -85.0970, 5.8710

# Conversions

## Conversions Part 2

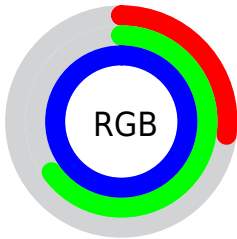
Format	Color
R <sub>Y</sub> B	70, 133, 252
Decimal	4630524
CIE Lab	66.50, -0.94, -50.37
CIE LCh	66, 50.383, 268.928
Yxy	35.9678, 0.2029, 0.2152
Android (android.graphics.Color)	4282820604 (0xFF46A7FC)
YUV	147.6870, 51.4263, -68.1315
Hunter-Lab	59.9732, -4.0102, -54.1614

# Details

The Android color `4282820604` 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 `4294744902`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287291135`, and `4278219971` is the 20% darker color. If you saturate the color by 10%, you get `4281179132`, and if you desaturate by 10%, it is `4284462076`.

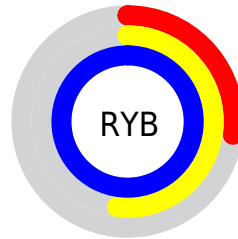
# Distribution



Red (27%)

Green (65%)

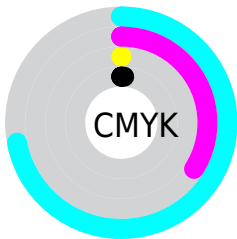
Blue (99%)



Red (27%)

Yellow (52%)

Blue (99%)

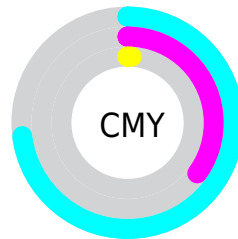


Cyan (72%)

Magenta (34%)

Yellow (0%)

Black (1%)



Cyan (73%)

Magenta (35%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282820604 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 4282820604 by changing the saturation by 10% instead.



 4282820604

 4282820604

4294967295

 4279012831

 4287291135

 4278219971

 4289395455

 4278213543

 4291428351

 4278207629

 4293459967

 4278202227

 4278197081

 4278191937

 4278190890

 4278190357

■ 4282820604

■ 4282820604

■ 4281179132

■ 4284462076

■ 4279537660

■ 4286103548

■ 4278224636

■ 4287810300

■ 4289451772

■ 4291093244

■ 4292734716

■ 4294375932

4294967292

# Harmonies

## Analogous

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



4278235886



4282820604



4288845553

# Triad

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



4282820604



4294279032



4283872369

# Complementary

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



4282820604



4294744902

# 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.



4287671375



4282820604



4292972117

# Square

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



4282820604



4294146981



4290617156



4278237343

# Rectangle

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



4282820604



4291398366



4290617156



4285248100

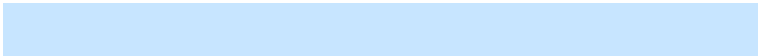


# Sweetspot

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



4282820604



4291290623



4282842267



4284379264



4278190080



4286611584



# Same Dimension

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



4282820604



4280391679



4282797308



4285560701



4278216125



4278198589



# Inverse Universe

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



4294723239



4294910359



4294768198



4286410871



4290576485



4282187809



# Previews

## White Background



This preview shows how the Android color 4282820604 looks on a white background.

## Color Contrast Check

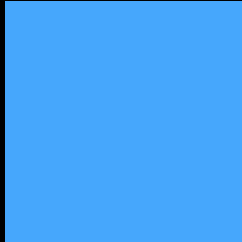
Large Text (above 18pt) WCAG AA × Fail

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 4282820604 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

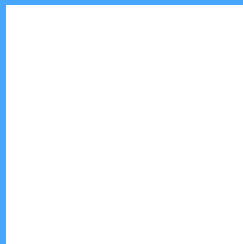
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282820604 Background



This preview shows how black text looks on a background with the Android color 4282820604.



This preview shows how white text looks on a background with the Android color 4282820604.

# 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**  
4282820604

**Protanopia**  
4286750452

**Deuteranopia**  
4285440510



# Trichromacy



**Original Color**  
4282820604

**Protanomaly**  
4285309431

**Deuteranomaly**  
4284457981

**Tritanomaly**  
4279873238

# Monochromacy



**Original Color**  
4282820604

**Achromatopsia**  
4287927444

**Achromatomaly**  
4286094266

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282820604 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(70, 167, 252)` looks like.

```
.text, #text, p{  
    color:rgb(70, 167, 252)  
}
```

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(70, 167, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 167, 252) }
```

## Border

The CSS property to change the border of an element to Android 4282820604 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(70, 167, 252) }
```

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

```
.border{ border-color:rgb(70, 167, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 167, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 167, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 167, 252);  
box-shadow:4px 4px 4px 4px rgb(70, 167,  
252) }
```

# Background

The CSS property to change the background color of an element to Android 4282820604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 167, 252) }
```

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

```
.background{ background-color: rgb(70, 167,  
252) }
```

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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