

# Converting Colors

Android(4286755813)

Have a look what the booklet for  
Android(4286755813) contains.

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# **Color**

**Android(4286755813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B3E5
RGB	130, 179, 229
RGB Percent	51%, 70%, 90%
CMY	0.4902, 0.2980, 0.1020
CMYK	0.43, 0.22, 0.00, 0.10
HSL	210°, 66%, 70%
HSV	210°, 43%, 90%
XYZ	39.4689, 42.6432, 80.2795
YIQ	170.0490, -45.2540, 5.1620

# Conversions

## Conversions Part 2

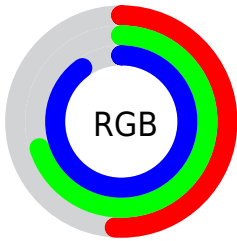
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 163, 229
Decimal	8565733
CIE <sub>Lab</sub>	71.31, -3.32, -30.14
CIE <sub>LCh</sub>	71, 30.324, 263.721
Yxy	42.6432, 0.2430, 0.2626
Android (android.graphics.Color)	4286755813 (0xFF82B3E5)
YUV	170.0490, 29.0628, -35.1230
Hunter-Lab	65.3017, -6.3913, -27.1776

# Details

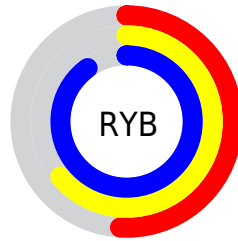
The Android color `4286755813` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293244034`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4290440191`, and `4283072173` is the 20% darker color. If you saturate the color by 10%, you get `4285245413`, and if you desaturate by 10%, it is `4288266213`.

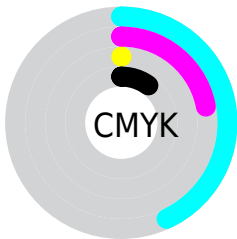
# Distribution



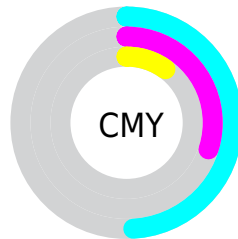
- Red (51%)
- Green (70%)
- Blue (90%)



- Red (51%)
- Yellow (64%)
- Blue (90%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (30%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286755813 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 4286755813 by changing the saturation by 10% instead.



 4286755813

 4286755813

4294967295

 4284913865

 4290440191

 4283072173

 4292345855

 4281165459

 4294311935

 4278210169

 4278204256

 4278198856

 4278192945

 4278190363

 4278190080

■ 4286755813

■ 4286755813

■ 4285245413

■ 4288266213

■ 4283735269

■ 4289776357

■ 4282224869

■ 4291286757

■ 4280714725

■ 4292796901

■ 4279204325

■ 4294307301

■ 4278219237

■ 4294965477

■ 4294967269

# Harmonies

## Analogous

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



4284463834



4286755813



4289440481

# Triad

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



4286755813



4293303194



4287347341

# Complementary

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



4286755813



4293244034

# 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.



4289442939



4286755813



4292649603

# Square

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



4286755813



4292975542



4291341176



4285316776

# Rectangle

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



4286755813



4290946007



4291341176



4288067718

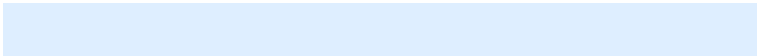


# Sweetspot

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



4286755813



4292800255



4286768564



4285232512



4278190080



4286611584

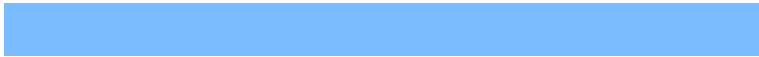


# Same Dimension

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



4286755813



4286233855



4286743269



4284968307



4278212787



4278196531



# Inverse Universe

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



4293231283



4294933180



4293256578



4285753197



4289921112



4281532441



# Previews

## White Background



This preview shows how the Android color 4286755813 looks on a white background.

## Color Contrast Check

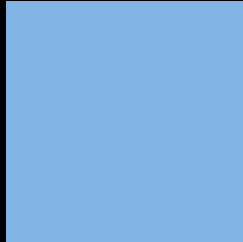
Large Text (above 18pt) WCAG AA × Fail

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 4286755813 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

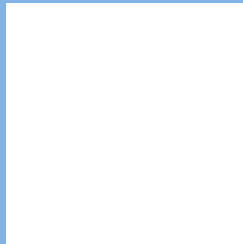
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286755813 Background



This preview shows how black text looks on a background with the Android color 4286755813.



This preview shows how white text looks on a background with the Android color 4286755813.

# 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**  
4286755813

**Protanomaly**  
4288065506

**Deuteranomaly**  
4287999718

**Tritanomaly**  
4286428882

# Monochromacy



**Original Color**  
4286755813

**Achromatopsia**  
4289374890

**Achromatomaly**  
4288392639

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286755813 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(130, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(130, 179, 229)  
}
```

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(130, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 179, 229) }
```

## Border

The CSS property to change the border of an element to Android 4286755813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

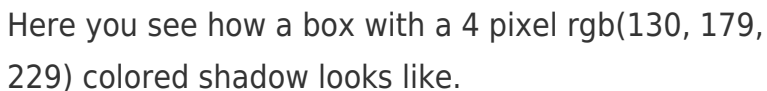
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 179, 229) }
```

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

```
.border{ border-color:rgb(130, 179, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(130, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 179, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 179, 229); box-shadow:4px 4px 4px 4px rgb(130, 179, 229) }
```

# Background

The CSS property to change the background color of an element to Android 4286755813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 179, 229) }
```

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

```
.background{ background-color: rgb(130,  
179, 229) }
```

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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