

# Converting Colors

Android(4286109170)

Have a look what the booklet for  
Android(4286109170) contains.

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# **Color**

**Android(4286109170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78D5F2
RGB	120, 213, 242
RGB Percent	47%, 84%, 95%
CMY	0.5294, 0.1647, 0.0510
CMYK	0.50, 0.12, 0.00, 0.05
HSL	194°, 82%, 71%
HSV	194°, 50%, 95%
XYZ	47.5670, 57.9924, 92.6910
YIQ	188.4990, -64.7370, -10.6970

# Conversions

## Conversions Part 2

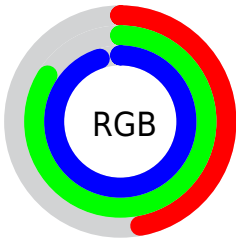
Format	Color
<a href="#">RYB</a>	<a href="#">120, 173, 242</a>
Decimal	<a href="#">7919090</a>
CIELab	<a href="#">80.73, -19.99, -22.77</a>
CIElCh	<a href="#">81, 30.295, 228.717</a>
Yxy	<a href="#">57.9924, 0.2399, 0.2925</a>
Android (android.graphics.Color)	<a href="#">4286109170 (0xFF78D5F2)</a>
YUV	<a href="#">188.4990, 26.3760, -60.0736</a>
Hunter-Lab	<a href="#">76.1527, -21.7715, -18.8593</a>

# Details

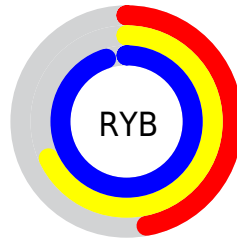
The Android color `4286109170` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294088056`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4289986559`, and `4281966266` is the 20% darker color. If you saturate the color by 10%, you get `4284534770`, and if you desaturate by 10%, it is `4287683570`.

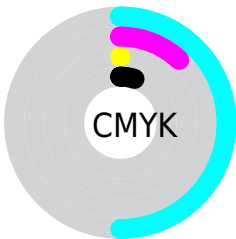
# Distribution



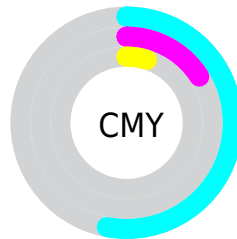
- Red (47%)
- Green (84%)
- Blue (95%)



- Red (47%)
- Yellow (68%)
- Blue (95%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (16%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286109170 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 4286109170 by changing the saturation by 10% instead.



 4286109170

 4286109170

4294967295

 4284135894

 4289986559

 4281966266

 4291887103

 4278682783

 4293853183

 4278217605

 4278211179

 4278205267

 4278199612

 4278192166

 4278190352

■ 4286109170

■ 4286109170

■ 4284534770

■ 4287683570

■ 4282960370

■ 4289257970

■ 4281320690

■ 4290897650

■ 4279746290

■ 4292472050

■ 4278237426

■ 4294046450

■ 4294965490

■ 4294966770

■ 4294967282

# Harmonies

## Analogous

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



4285913306



4286109170



4288073471

# Triad

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



4286109170



4294620628



4291546258

# Complementary

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



4286109170



4294088056

# 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.



4293378961



4286109170



4294948024

# Square

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



4286109170



4293049326



4294687391



4289385378

# Rectangle

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



4286109170



4289841407



4294687391



4292200848



# Sweetspot

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



4286109170



4292474623



4286116500



4285102720



4278190080



4286611584



# Same Dimension

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



4286109170



4284931071



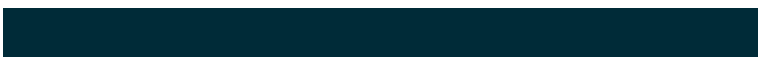
4286093810



4285298040



4278226104



4278201144



# Inverse Universe

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



4294080725



4294928091



4294103416



4286082165



4290248844

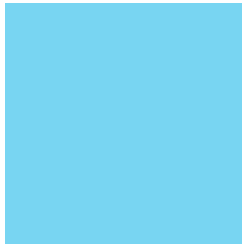


4281860139



# Previews

## White Background



This preview shows how the Android color 4286109170 looks on a white background.

## Color Contrast Check

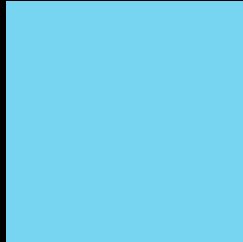
Large Text (above 18pt) WCAG AA × Fail

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 4286109170 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 4286109170 Background



This preview shows how black text looks on a background with the Android color 4286109170.

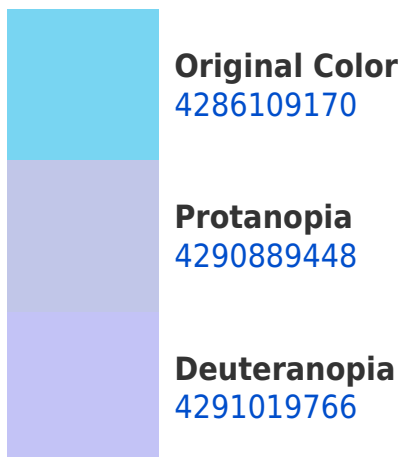


This preview shows how white text looks on a background with the Android color 4286109170.

# 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

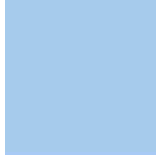




# Trichromacy



**Original Color**  
4286109170



**Protanomaly**  
4289121260



**Deuteranomaly**  
4289252085

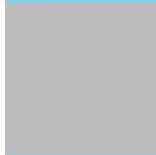


**Tritanomaly**  
4285978348

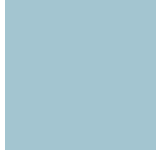
# Monochromacy



**Original Color**  
4286109170



**Achromatopsia**  
4290559164



**Achromatomaly**  
4288923088

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286109170 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(120, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(120, 213, 242)  
}
```

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(120, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 213, 242) }
```

## Border

The CSS property to change the border of an element to Android 4286109170 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(120, 213, 242) }
```

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

```
.border{ border-color:rgb(120, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(120, 213,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4286109170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 213, 242) }
```

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

```
.background{ background-color: rgb(120,  
213, 242) }
```

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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