

# Converting Colors

Android(4284136170)

Have a look what the booklet for  
Android(4284136170) contains.

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# **Color**

**Android(4284136170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ABAEA
RGB	90, 186, 234
RGB Percent	35%, 73%, 92%
CMY	0.6471, 0.2706, 0.0824
CMYK	0.62, 0.21, 0.00, 0.08
HSL	200°, 77%, 64%
HSV	200°, 62%, 92%
XYZ	36.6266, 43.2320, 84.2561
YIQ	162.7680, -72.6240, -5.4240

# Conversions

## Conversions Part 2

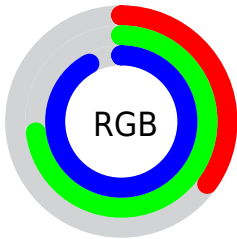
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 148, 234
Decimal	5946090
CIELab	71.71, -14.22, -32.39
CIElCh	72, 35.372, 246.297
Yxy	43.2320, 0.2232, 0.2634
Android (android.graphics.Color)	4284136170 (0xFF5ABAEA)
YUV	162.7680, 35.1174, -63.8175
Hunter-Lab	65.7510, -15.6308, -29.9509

# Details

The Android color `4284136170` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted azure. A complement of this color would be `4293560922`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4288148223`, and `4278224306` is the 20% darker color. If you saturate the color by 10%, you get `4282626794`, and if you desaturate by 10%, it is `4285645546`.

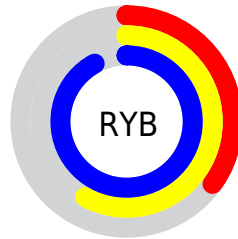
# Distribution



Red (35%)

Green (73%)

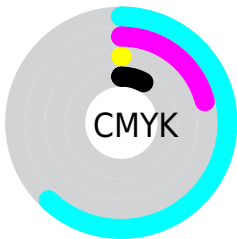
Blue (92%)



Red (35%)

Yellow (58%)

Blue (92%)

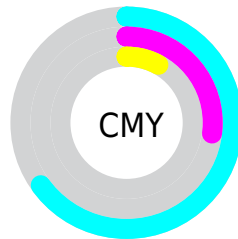


Cyan (62%)

Magenta (21%)

Yellow (0%)

Black (8%)



Cyan (65%)

Magenta (27%)
















Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284136170 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 4284136170 by changing the saturation by 10% instead.



 4284136170	 4284136170
4294967295	 4281835470
 4288148223	 4278224306
 4290117631	 4278217879
 4292149247	 4278211453
 4294115327	 4278205540
	 4278200140
	 4278193973
	 4278190623
	 4278190082

■ 4284136170

■ 4284136170

■ 4282626794

■ 4285645546

■ 4281051882

■ 4287220458

■ 4279542762

■ 4288729578

■ 4278230250

■ 4290304490

■ 4291813866

■ 4293323242

■ 4294898154

■ 4294965482

■ 4294967274

# Harmonies

## Analogous

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



4282040533



4284136170



4287541743

# Triad

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



4284136170



4293826474



4288461179

# Complementary

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



4284136170



4293560922

# 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.



4290752623



4284136170



4293696395

# Square

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



4284136170



4292778954



4292584821



4285906837

# Rectangle

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



4284136170



4289636841



4292584821



4289246837

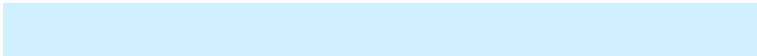


# Sweetspot

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



4284136170



4291948799



4284148362



4284708480



4278190080



4286611584



# Same Dimension

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



4284136170



4282564863



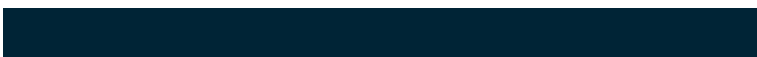
4284117738



4285165941



4278221237



4278199350



# Inverse Universe

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



4293548730



4294918848



4293579354



4285885041



4290052217

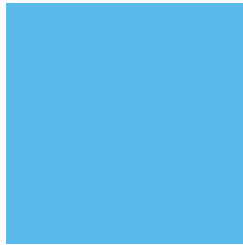


4281729060



# Previews

## White Background



This preview shows how the Android color 4284136170 looks on a white background.

## Color Contrast Check

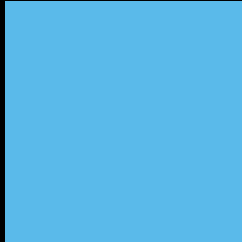
Large Text (above 18pt) WCAG AA × Fail

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 4284136170 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 4284136170 Background



This preview shows how black text looks on a background with the Android color 4284136170.

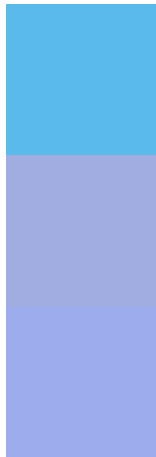


This preview shows how white text looks on a background with the Android color 4284136170.

# 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**  
4284136170

**Protanopia**  
4288785888

**Deuteranopia**  
4288457965



# Trichromacy



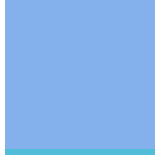
**Original Color**

4284136170



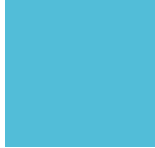
**Protanomaly**

4287083236



**Deuteranomaly**

4286886380



**Tritanomaly**

4283612632

# Monochromacy



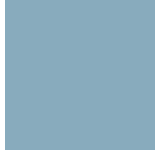
**Original Color**

4284136170



**Achromatopsia**

4288914339



**Achromatomaly**

4287146941

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284136170 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(90, 186, 234)` looks like.

```
.text, #text, p{  
    color:rgb(90, 186, 234)  
}
```

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(90, 186, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 186, 234) }
```

## Border

The CSS property to change the border of an element to Android 4284136170 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(90, 186, 234) }
```

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

```
.border{ border-color:rgb(90, 186, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 186, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 186, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 186, 234);  
box-shadow:4px 4px 4px 4px rgb(90, 186,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4284136170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 186, 234) }
```

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

```
.background{ background-color: rgb(90, 186,  
234) }
```

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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