

# Converting Colors

Android(4285711610)

Have a look what the booklet for  
Android(4285711610) contains.

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# **Color**

**Android(4285711610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C4FA
RGB	114, 196, 250
RGB Percent	45%, 77%, 98%
CMY	0.5529, 0.2314, 0.0196
CMYK	0.54, 0.22, 0.00, 0.02
HSL	204°, 93%, 71%
HSV	204°, 54%, 98%
XYZ	43.9347, 49.9594, 97.7700
YIQ	177.6380, -66.2060, -0.5900

# Conversions

## Conversions Part 2

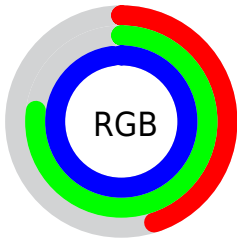
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 165, 250</a>
Decimal	<a href="#">7521530</a>
CIELab	<a href="#">76.04, -10.14, -34.25</a>
CIElCh	<a href="#">76, 35.724, 253.502</a>
Yxy	<a href="#">49.9594, 0.2292, 0.2607</a>
Android (android.graphics.Color)	<a href="#">4285711610 (0xFF72C4FA)</a>
YUV	<a href="#">177.6380, 35.6745, -55.8105</a>
Hunter-Lab	<a href="#">70.6820, -12.7409, -32.5348</a>

# Details

The Android color `4285711610` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294617202`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4289658367`, and `4281372353` is the 20% darker color. If you saturate the color by 10%, you get `4284070650`, and if you desaturate by 10%, it is `4287352570`.

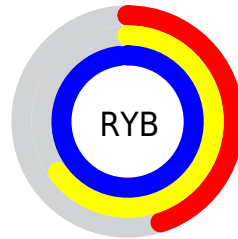
# Distribution



Red (45%)

Green (77%)

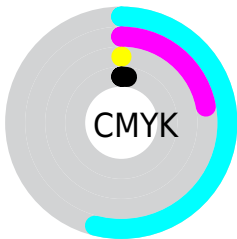
Blue (98%)



Red (45%)

Yellow (65%)

Blue (98%)

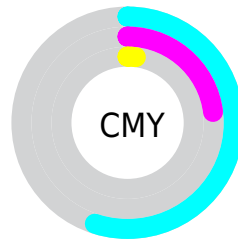


Cyan (54%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (55%)

Magenta (23%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285711610 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 4285711610 by changing the saturation by 10% instead.



 4285711610

 4285711610

4294967295

 4283673053

 4289658367

 4281372353

 4291559423

 4278220198

 4293525503

 4278213771

 4278207858

 4278202201

 4278197057

 4278190891

 4278190357

■ 4285711610

■ 4285711610

■ 4284070650

■ 4287352570

■ 4282429690

■ 4288993530

■ 4280788730

■ 4290634490

■ 4279147770

■ 4292275450

■ 4278228986

■ 4293916410

■ 4294967290

# Harmonies

## Analogous

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



4283157480



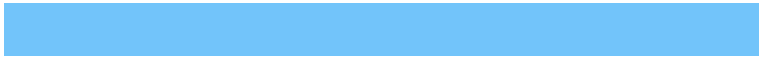
4285711610



4289051387

# Triad

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



4285711610



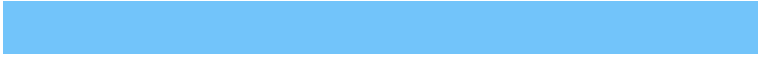
4294812590



4288595851

# Complementary

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



4285711610



4294617202

# 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.



4291018363



4285711610



4294420880

# Square

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



4285711610



4294026703



4293047165



4286041256

# Rectangle

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



4285711610



4291146482



4293047165



4289447044

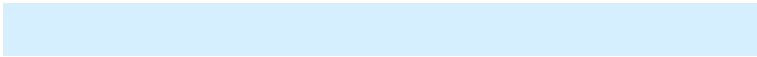


# Sweetspot

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



4285711610



4292276223



4285725350



4284970624



4278190080



4286611584



# Same Dimension

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



4285711610



4284071423



4285694714



4285560957



4278219453



4278199613



# Inverse Universe

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



4294603460



4294924733



4294634098



4286410872



4290576498

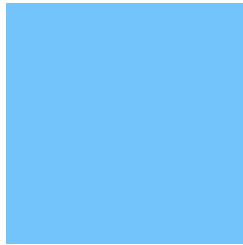


4282187813



# Previews

## White Background



This preview shows how the Android color 4285711610 looks on a white background.

## Color Contrast Check

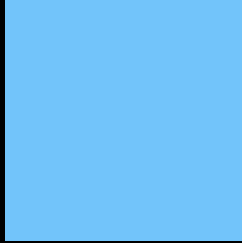
Large Text (above 18pt) WCAG AA × Fail

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 4285711610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

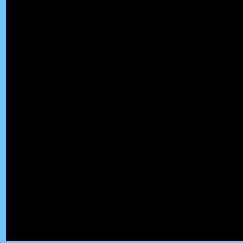
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

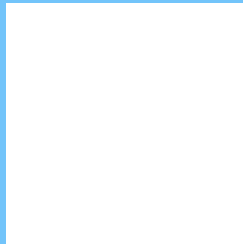
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285711610 Background



This preview shows how black text looks on a background with the Android color 4285711610.



This preview shows how white text looks on a background with the Android color 4285711610.

# 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**  
4285711610

**Protanomaly**  
4288068852

**Deuteranomaly**  
4287937788

**Tritanomaly**  
4285188326

# Monochromacy



**Original Color**  
4285711610

**Achromatopsia**  
4289901234

**Achromatomaly**  
4288395724

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285711610 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(114, 196, 250)` looks like.

```
.text, #text, p{  
    color:rgb(114, 196, 250)  
}
```

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(114, 196, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 196, 250) }
```

## Border

The CSS property to change the border of an element to Android 4285711610 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(114, 196, 250) }
```

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

```
.border{ border-color:rgb(114, 196, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 196, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 196, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 196, 250);  
box-shadow:4px 4px 4px 4px rgb(114, 196,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4285711610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 196, 250) }
```

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

```
.background{ background-color: rgb(114,  
196, 250) }
```

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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