

# Converting Colors

Android(4285130721)

Have a look what the booklet for  
Android(4285130721) contains.

<b>Android(4285130721)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4285130721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69E7E1
RGB	105, 231, 225
RGB Percent	41%, 91%, 88%
CMY	0.5882, 0.0941, 0.1176
CMYK	0.55, 0.00, 0.03, 0.09
HSL	177°, 72%, 66%
HSV	177°, 55%, 91%
XYZ	47.9922, 65.5913, 81.3651
YIQ	192.6420, -73.1700, -28.5780

# Conversions

## Conversions Part 2

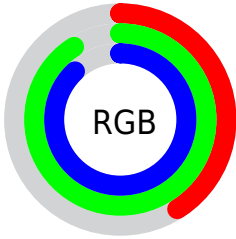
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 170, 231
Decimal	6940641
CIELab	84.79, -36.28, -7.72
CIELCh	85, 37.091, 192.013
Yxy	65.5913, 0.2462, 0.3365
Android (android.graphics.Color)	4285130721 (0xFF69E7E1)
YUV	192.6420, 15.9525, -76.8620
Hunter-Lab	80.9885, -35.9541, -2.8738

# Details

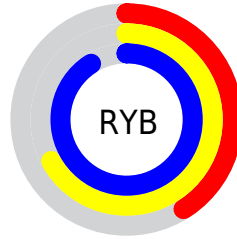
The Android color `4285130721` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4293355887`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4289134591`, and `4280201130` is the 20% darker color. If you saturate the color by 10%, you get `4283623392`, and if you desaturate by 10%, it is `4286638050`.

# Distribution



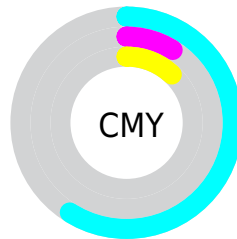
- Red (41%)
- Green (91%)
- Blue (88%)



- Red (41%)
- Yellow (67%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (59%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285130721 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 4285130721 by changing the saturation by 10% instead.



 4285130721

 4285130721

4294967295

 4282960837

 4289134591

 4280201130

 4291100671

 4278228111

 4293066751

 4278221430

 4278214749

 4278208582

 4278202415

 4278196763

 4278190080

 4285130721

 4285130721

 4283623392

 4286638050

 4282116063

 4288145379

 4280608734

 4289652708

 4279101405

 4291160037

 4278249436

 4292667367

 4294240232

 4294961129

 4294961130

 4294961131

# Harmonies

## Analogous

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



4287555005



4285130721



4284605695

# Triad

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



4285130721



4293576447



4294953618

# Complementary

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



4285130721



4293355887

# 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.



4294950822



4285130721



4294950122

# Square

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



4285130721



4290433791



4294949319



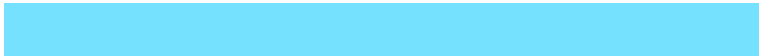
4292793999

# Rectangle

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



4285130721



4285980927



4294949319



4294952599

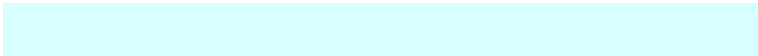


# Sweetspot

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



4285130721



4292280317



4285523817



4284973182



4278190080



4286611584



# Same Dimension

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



4285130721



4284088311



4285116135



4284969842



4278236074



4278203185



# Inverse Universe

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



4293355887



4294924641



4293370473



4285753192



4289921032

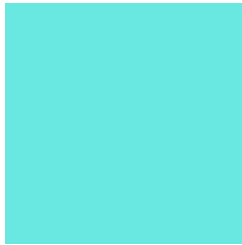


4281532418



# Previews

## White Background



This preview shows how the Android color 4285130721 looks on a white background.

## Color Contrast Check

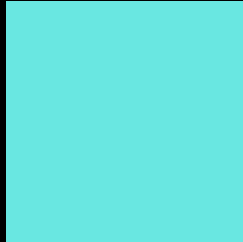
Large Text (above 18pt) WCAG AA × Fail

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 4285130721 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 4285130721 Background



This preview shows how black text looks on a background with the Android color 4285130721.



This preview shows how white text looks on a background with the Android color 4285130721.

# 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



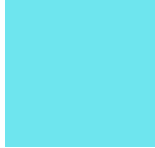
**Original Color**  
4285130721



**Protanomaly**  
4289649113



**Deuteranomaly**  
4289976037

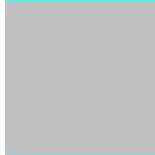


**Tritanomaly**  
4285457902

# Monochromacy



**Original Color**  
4285130721



**Achromatopsia**  
4290888129



**Achromatomaly**  
4288794573

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285130721 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(105, 231, 225)` looks like.

```
.text, #text, p{  
    color:rgb(105, 231, 225)  
}
```

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(105, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 231, 225) }
```

## Border

The CSS property to change the border of an element to Android 4285130721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

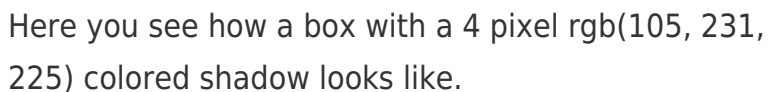
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 231, 225) }
```

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

```
.border{ border-color:rgb(105, 231, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 231, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 231, 225); box-shadow:4px 4px 4px 4px rgb(105, 231, 225) }
```

# Background

The CSS property to change the background color of an element to Android 4285130721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 231, 225) }
```

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

```
.background{ background-color: rgb(105,  
231, 225) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor