

# Converting Colors

Android(4285851092)

Have a look what the booklet for  
Android(4285851092) contains.

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# **Color**

**Android(4285851092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74E5D4
RGB	116, 229, 212
RGB Percent	45%, 90%, 83%
CMY	0.5451, 0.1020, 0.1686
CMYK	0.49, 0.00, 0.07, 0.10
HSL	171°, 68%, 68%
HSV	171°, 49%, 90%
XYZ	47.1054, 64.5051, 72.2554
YIQ	193.2750, -61.8910, -29.2430

# Conversions

## Conversions Part 2

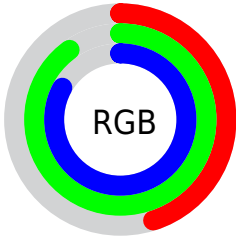
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 177, 229
Decimal	7661012
CIELab	84.23, -36.33, -1.64
CIELCh	84, 36.371, 182.586
Yxy	64.5051, 0.2562, 0.3508
Android (android.graphics.Color)	4285851092 (0xFF74E5D4)
YUV	193.2750, 9.2314, -67.7702
Hunter-Lab	80.3151, -35.8597, 2.8804

# Details

The Android color `4285851092` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293227653`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4289724415`, and `4281707933` is the 20% darker color. If you saturate the color by 10%, you get `4284343761`, and if you desaturate by 10%, it is `4287358423`.

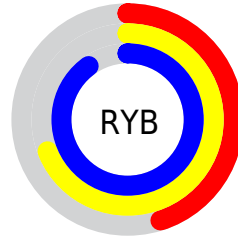
# Distribution



Red (45%)

Green (90%)

Blue (83%)



Red (45%)

Yellow (69%)

Blue (90%)

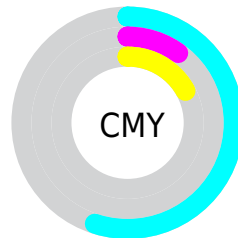


Cyan (49%)

Magenta (0%)

Yellow (7%)

Black (10%)



Cyan (55%)

Magenta (10%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285851092 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 4285851092 by changing the saturation by 10% instead.



 4285851092


 4285851092

4294967295

 4283877816

 4289724415

 4281707933

 4291624959

 4278227587

 4293591039

 4278220906

 4278214226

 4278208059

 4278202150

 4278196241

 4278190080

 4285851092

 4285851092

 4284343761

 4287358423


 4282836429

 4288865755

 4281329098

 4290373086

 4279821766

 4291880418

 4278314435

 4293322213

 4278248899

 4294829545

 4294960620

 4294960624

 4294960627

# Harmonies

## Analogous

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



4288340657



4285851092



4284605686

# Triad

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



4285851092



4292593919



4294952342

# Complementary

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



4285851092



4293227653

# 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.



4294950063



4285851092



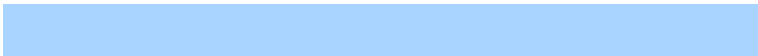
4294950386

# Square

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



4285851092



4289320191



4294949072



4293382541

# Rectangle

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



4285851092



4285325567



4294949072



4294951581

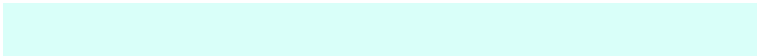


# Sweetspot

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



4285851092



4292476921



4287096180



4285104252



4278190080



4286611584



# Same Dimension

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



4285851092



4285136872



4285841381



4284969841



4278236056



4278203179



# Inverse Universe

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



4293227653



4294928767



4293237364



4285753193



4289921051

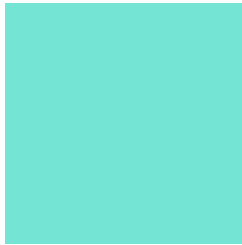


4281532424



# Previews

## White Background



This preview shows how the Android color 4285851092 looks on a white background.

## Color Contrast Check

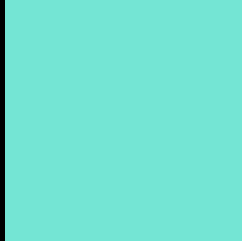
Large Text (above 18pt) WCAG AA × Fail

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 4285851092 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

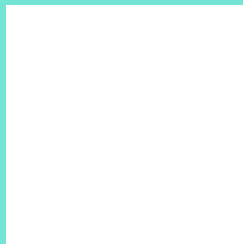
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285851092 Background



This preview shows how black text looks on a background with the Android color 4285851092.



This preview shows how white text looks on a background with the Android color 4285851092.

# 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**  
4285851092



**Protanomaly**  
4289976524



**Deuteranomaly**  
4290368728

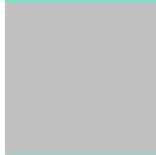


**Tritanomaly**  
4286243560

# Monochromacy



**Original Color**  
4285851092



**Achromatopsia**  
4290888129



**Achromatomaly**  
4289056456

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285851092 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(116, 229, 212)` looks like.

```
.text, #text, p{  
    color:rgb(116, 229, 212)  
}
```

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(116, 229, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 229, 212) }
```

## Border

The CSS property to change the border of an element to Android 4285851092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

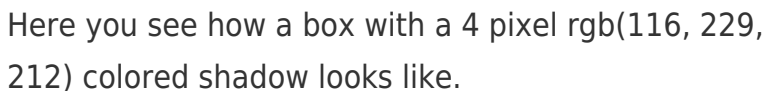
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 229, 212) }
```

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

```
.border{ border-color:rgb(116, 229, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 229, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 229, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 229, 212); box-shadow:4px 4px 4px 4px rgb(116, 229, 212) }
```

# Background

The CSS property to change the background color of an element to Android 4285851092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 229, 212) }
```

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

```
.background{ background-color: rgb(116,  
229, 212) }
```

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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