

# Converting Colors

Android(4285711320)

Have a look what the booklet for  
Android(4285711320) contains.

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# **Color**

**Android(4285711320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C3D8
RGB	114, 195, 216
RGB Percent	45%, 76%, 85%
CMY	0.5529, 0.2353, 0.1529
CMYK	0.47, 0.10, 0.00, 0.15
HSL	192°, 57%, 65%
HSV	192°, 47%, 85%
XYZ	38.8492, 47.5655, 72.0992
YIQ	173.1750, -55.0170, -10.6410

# Conversions

## Conversions Part 2

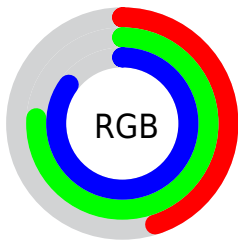
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 159, 216
Decimal	7521240
CIELab	74.55, -19.24, -18.20
CIELCh	75, 26.482, 223.418
Yxy	47.5655, 0.2451, 0.3001
Android (android.graphics.Color)	4285711320 (0xFF72C3D8)
YUV	173.1750, 21.1127, -51.8965
Hunter-Lab	68.9677, -20.1453, -13.7047

# Details

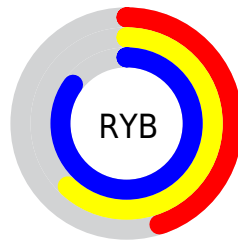
The Android color `4285711320` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292380530`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4289461503`, and `4281830817` is the 20% darker color. If you saturate the color by 10%, you get `4284268504`, and if you desaturate by 10%, it is `4287154136`.

# Distribution



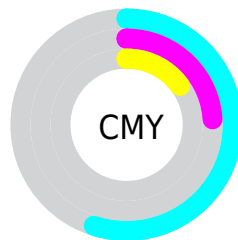
- Red (45%)
- Green (76%)
- Blue (85%)



- Red (45%)
- Yellow (62%)
- Blue (85%)



- Cyan (47%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)

















- Cyan (55%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285711320 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 4285711320 by changing the saturation by 10% instead.



 4285711320	 4285711320
4294967295	 4283803836
 4289461503	 4281830817
 4291362815	 4279137415
 4293263359	 4278213486
	 4278207317
	 4278201662
	 4278196776
	 4278190355
	 4278190080

■ 4285711320

■ 4285711320

■ 4284268504

■ 4287154136

■ 4282890968

■ 4288531672

■ 4281448152

■ 4289974488

■ 4280070616

■ 4291352024

■ 4278627800

■ 4292794840

■ 4278234328

■ 4294237912

■ 4294959832

■ 4294961112

■ 4294962136

# Harmonies

## Analogous

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



4285777346



4285711320



4287151845

# Triad

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



4285711320



4292847558



4290689416

# Complementary

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



4285711320



4292380530

# 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.



4292260233



4285711320



4293502637

# Square

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



4285711320



4291407323



4293241495



4288921747

# Rectangle

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



4285711320



4288526824



4293241495



4291278727

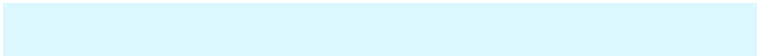


# Sweetspot

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



4285711320



4292606207



4285716614



4285168512



4278190080



4286611584



# Same Dimension

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



4285711320



4285456895



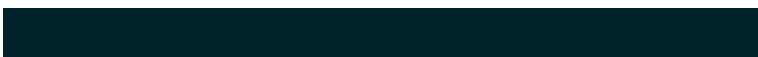
4285698520



4284508523



4278225067



4278198827



# Inverse Universe

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



4292375235



4294930145



4292393330



4285227113



4289396872

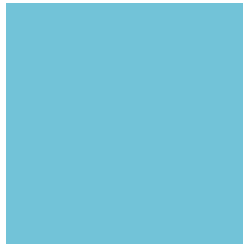


4281008162



# Previews

## White Background



This preview shows how the Android color 4285711320 looks on a white background.

## Color Contrast Check

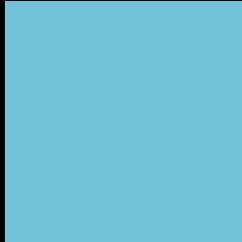
Large Text (above 18pt) WCAG AA × Fail

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 4285711320 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 4285711320 Background



This preview shows how black text looks on a background with the Android color 4285711320.

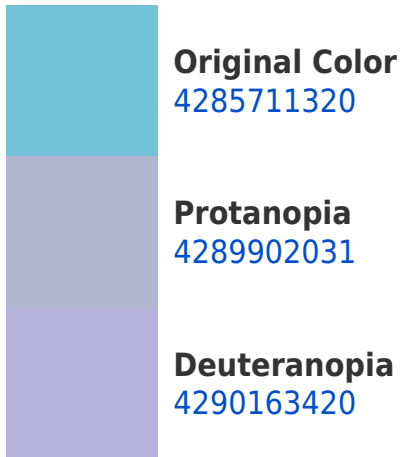


This preview shows how white text looks on a background with the Android color 4285711320.

# 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



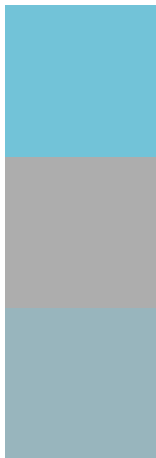
**Original Color**  
4285711320

**Protanomaly**  
4288395986

**Deuteranomaly**  
4288526555

**Tritanomaly**  
4285646037

# Monochromacy



**Original Color**  
4285711320

**Achromatopsia**  
4289572269

**Achromatomaly**  
4288198077

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285711320 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, 195, 216)` looks like.

```
.text, #text, p{  
    color:rgb(114, 195, 216)  
}
```

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, 195, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 195, 216) }
```

## Border

The CSS property to change the border of an element to Android 4285711320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

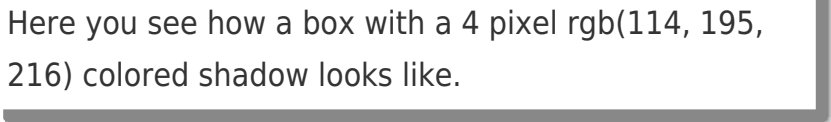
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 195, 216) }
```

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

```
.border{ border-color:rgb(114, 195, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 195, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 195, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 195, 216); box-shadow:4px 4px 4px 4px rgb(114, 195, 216) }
```

# Background

The CSS property to change the background color of an element to Android 4285711320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 195, 216) }
```

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

```
.background{ background-color: rgb(114,  
195, 216) }
```

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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