

# Converting Colors

Android(4285706427)

Have a look what the booklet for  
Android(4285706427) contains.

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# **Color**

**Android(4285706427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72B0BB
RGB	114, 176, 187
RGB Percent	45%, 69%, 73%
CMY	0.5529, 0.3098, 0.2667
CMYK	0.39, 0.06, 0.00, 0.27
HSL	189°, 35%, 59%
HSV	189°, 39%, 73%
XYZ	31.4344, 38.2159, 52.7334
YIQ	158.7160, -40.4830, -9.7230

# Conversions

## Conversions Part 2

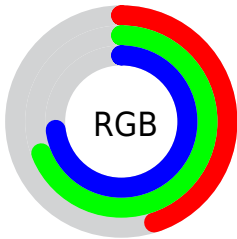
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 148, 187
Decimal	7516347
CIELab	68.18, -17.07, -11.93
CIELCh	68, 20.822, 214.941
Yxy	38.2159, 0.2569, 0.3123
Android (android.graphics.Color)	4285706427 (0xFF72B0BB)
YUV	158.7160, 13.9440, -39.2159
Hunter-Lab	61.8190, -17.4177, -7.3027

# Details

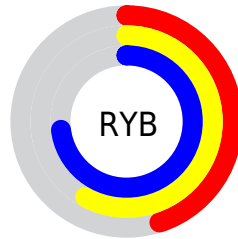
The Android color `4285706427` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4290477426`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4289325299`, and `4282153862` is the 20% darker color. If you saturate the color by 10%, you get `4284460475`, and if you desaturate by 10%, it is `4286952379`.

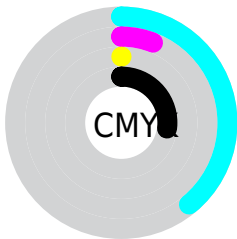
# Distribution



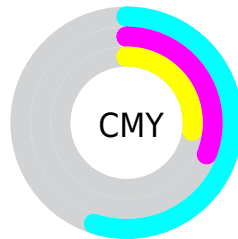
- Red (45%)
- Green (69%)
- Blue (73%)



- Red (45%)
- Yellow (58%)
- Blue (73%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (55%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285706427 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 4285706427 by changing the saturation by 10% instead.





4285706427



4285706427

4294967295



4283930016



4289325299



4282153862



4291166207



4280246893



4293066751



4278209108



4278203197



4278198055



4278190355



4278190080



4285706427



4285706427

■ 4284460475

■ 4286952379

■ 4283280059

■ 4288132795

■ 4282034363

■ 4289378491

■ 4280788411

■ 4290624443

■ 4279607995

■ 4291804859

■ 4278362043

■ 4293050811

■ 4278230971

■ 4294296763

■ 4294952891

■ 4294953403

# Harmonies

## Analogous

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



4286034345



4285706427



4286426312

# Triad

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



4285706427



4290878390



4289832577

# Complementary

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



4285706427



4290477426

# 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.



4290945157



4285706427



4291598756

# Square

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



4285706427



4289568965



4291599250



4288457863

# Rectangle

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



4285706427



4287408587



4291599250



4290290817



# Sweetspot

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



4285706427



4292210418



4285709181



4285102202



4294638330



4286216826



# Same Dimension

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



4285706427



4286636530



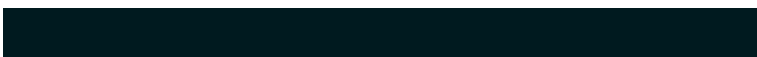
4285697211



4283784542



4278224542



4278196767



# Inverse Universe

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



4290474672



4294082785



4290486642



4284372317



4288544902

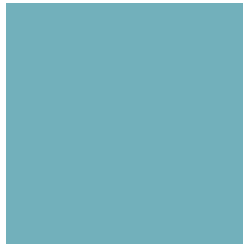


4280221722



# Previews

## White Background



This preview shows how the Android color 4285706427 looks on a white background.

## Color Contrast Check

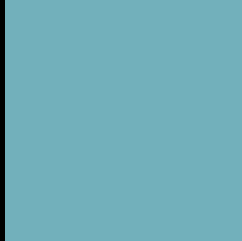
Large Text (above 18pt) WCAG AA × Fail

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 4285706427 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 4285706427 Background



This preview shows how black text looks on a background with the Android color 4285706427.

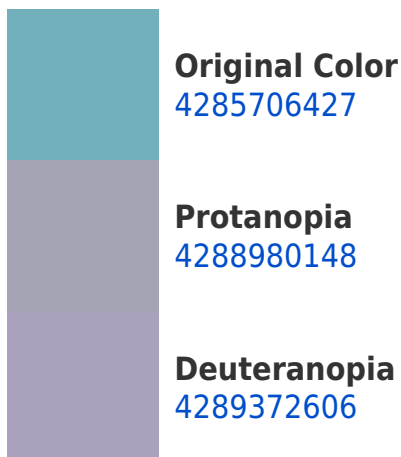


This preview shows how white text looks on a background with the Android color 4285706427.

# 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



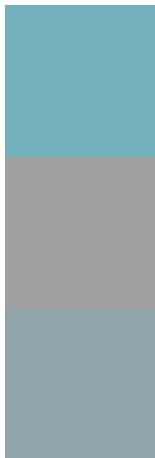
**Original Color**  
4285706427

**Protanomaly**  
4287801527

**Deuteranomaly**  
4288063165

**Tritanomaly**  
4285771965

# Monochromacy



**Original Color**  
4285706427

**Achromatopsia**  
4288651167

**Achromatomaly**  
4287604137

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285706427 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, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(114, 176, 187)  
}
```

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, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 176, 187) }
```

## Border

The CSS property to change the border of an element to Android 4285706427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

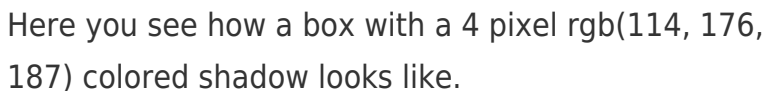
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 176, 187) }
```

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

```
.border{ border-color:rgb(114, 176, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 176, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 176, 187); box-shadow:4px 4px 4px 4px rgb(114, 176, 187) }
```

# Background

The CSS property to change the background color of an element to Android 4285706427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 176, 187) }
```

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

```
.background{ background-color: rgb(114,  
176, 187) }
```

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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