

# Converting Colors

Android(4285900968)

Have a look what the booklet for  
Android(4285900968) contains.

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# **Color**

**Android(4285900968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A8A8
RGB	117, 168, 168
RGB Percent	46%, 66%, 66%
CMY	0.5412, 0.3412, 0.3412
CMYK	0.30, 0.00, 0.00, 0.34
HSL	180°, 23%, 56%
HSV	180°, 30%, 66%
XYZ	28.4066, 34.6143, 42.2298
YIQ	152.7510, -30.3960, -10.8120

# Conversions

## Conversions Part 2

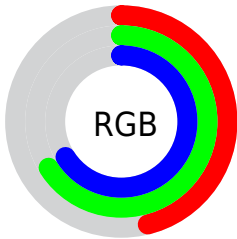
Format	Color
<a href="#">RYB</a>	<a href="#">117, 143, 168</a>
Decimal	<a href="#">7710888</a>
CIELab	<a href="#">65.45, -16.77, -5.43</a>
CIElCh	<a href="#">65, 17.627, 197.932</a>
Yxy	<a href="#">34.6143, 0.2699, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4285900968</a> ( <a href="#">0xFF75A8A8</a> )
YUV	<a href="#">152.7510, 7.5178, -31.3536</a>
Hunter-Lab	<a href="#">58.8339, -16.7747, -1.3734</a>

# Details

The Android color `4285900968` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4289230197`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4289454047`, and `4282545268` is the 20% darker color. If you saturate the color by 10%, you get `4284786856`, and if you desaturate by 10%, it is `4287015080`.

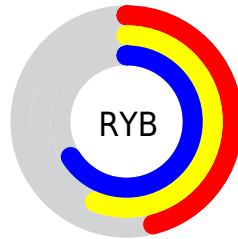
# Distribution



Red (46%)

Green (66%)

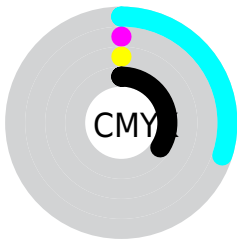
Blue (66%)



Red (46%)

Yellow (56%)

Blue (66%)

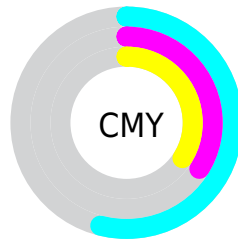


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285900968 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 4285900968 by changing the saturation by 10% instead.





4285900968



4285900968

4294967295



4284190094



4289454047



4282545268



4291296508



4280834908



4293132287



4278993732



4278201646



4278196761



4278190080



4285900968



4285900968



4284786856



4287015080

■ 4283672744

■ 4288129192

■ 4282624168

■ 4289177768

■ 4281510056

■ 4290291880

■ 4280395944

■ 4291405992

■ 4279281832

■ 4292520104

■ 4278233256

■ 4293634216

■ 4294682792

■ 4294944936

# Harmonies

## Analogous

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



4286556312



4285900968



4286031542

# Triad

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



4285900968



4289566900



4289830016

# Complementary

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



4285900968



4289230197

# 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.



4290549640



4285900968



4290483366

# Square

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



4285900968



4288257469



4290811030



4288782721

# Rectangle

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



4285900968



4286555324



4290811030



4290157186



# Sweetspot

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



4285900968



4291353563



4285900917



4284640878



4293783021



4285427310



# Same Dimension

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



4285900968



4287421403



4285894312



4283192404



4278228116



4278195220



# Inverse Universe

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



4289230248



4292578523



4289236597



4283714644



4287889556



4279500820



# Previews

## White Background



This preview shows how the Android color 4285900968 looks on a white background.

## Color Contrast Check

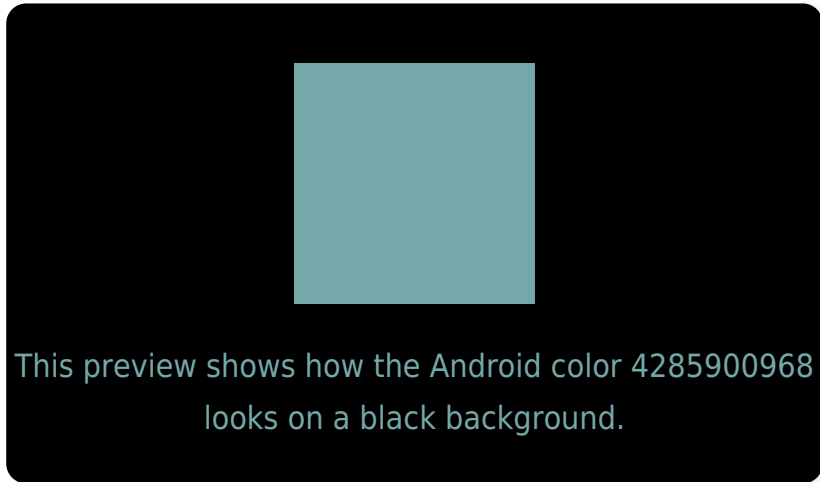
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

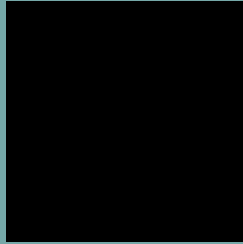
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285900968 Background



This preview shows how black text looks on a background with the Android color 4285900968.

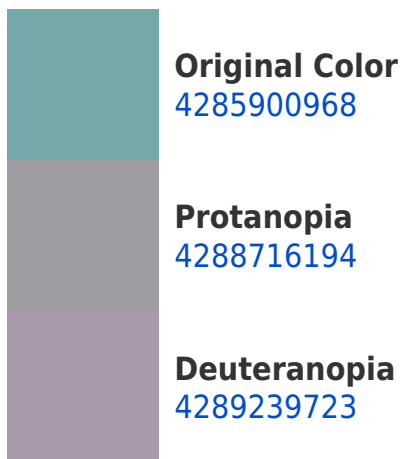


This preview shows how white text looks on a background with the Android color 4285900968.

# Color Blindness Simulation

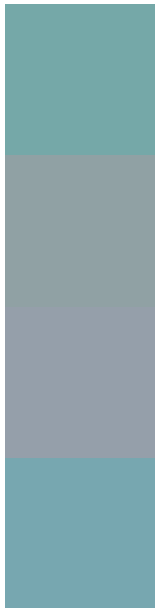
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



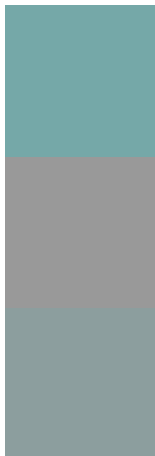
**Original Color**  
4285900968

**Protanomaly**  
4287668644

**Deuteranomaly**  
4287995818

**Tritanomaly**  
4286031792

# Monochromacy



**Original Color**  
4285900968

**Achromatopsia**  
4288256409

**Achromatomaly**  
4287405726

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285900968 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(117, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(117, 168, 168)  
}
```

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(117, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 168, 168) }
```

## Border

The CSS property to change the border of an element to Android 4285900968 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(117, 168, 168) }
```

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

```
.border{ border-color:rgb(117, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(117, 168,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4285900968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 168, 168) }
```

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

```
.background{ background-color: rgb(117,  
168, 168) }
```

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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