

# Converting Colors

Android(4283149016)

Have a look what the booklet for  
Android(4283149016) contains.

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# **Color**

**Android(4283149016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BAAD8
RGB	75, 170, 216
RGB Percent	29%, 67%, 85%
CMY	0.7059, 0.3333, 0.1529
CMYK	0.65, 0.21, 0.00, 0.15
HSL	200°, 64%, 57%
HSV	200°, 65%, 85%
XYZ	29.6710, 35.2032, 70.1968
YIQ	146.8390, -71.3860, -5.8340

# Conversions

## Conversions Part 2

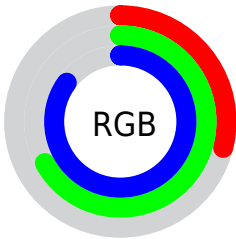
Format	Color
<a href="#">RYB</a>	<a href="#">75, 132, 216</a>
Decimal	<a href="#">4958936</a>
CIELab	<a href="#">65.91, -13.86, -31.56</a>
CIELCh	<a href="#">66, 34.468, 246.286</a>
Yxy	<a href="#">35.2032, 0.2197, 0.2606</a>
Android (android.graphics.Color)	<a href="#">4283149016 (0xFF4BAAD8)</a>
YUV	<a href="#">146.8390, 34.0964, -63.0028</a>
Hunter-Lab	<a href="#">59.3323, -14.5667, -28.6142</a>

# Details

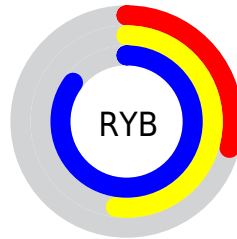
The Android color **4283149016** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **4292376907**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4287226367**, and **4278220449** is the 20% darker color. If you saturate the color by 10%, you get **4281705432**, and if you desaturate by 10%, it is **4284592600**.

# Distribution



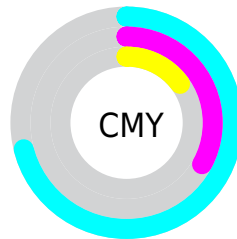
- Red (29%)
- Green (67%)
- Blue (85%)



- Red (29%)
- Yellow (52%)
- Blue (85%)



- Cyan (65%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (33%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283149016 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 4283149016 by changing the saturation by 10% instead.



 4283149016

 4283149016

4294967295


 4280651964

 4287226367

 4278220449

 4289199871

 4278214023

 4291166207

 4278208109

 4293132287

 4278202197

 4278197309

 4278190887

 4278190352

 4278190080

■ 4283149016

■ 4283149016

■ 4281705432

■ 4284592600

■ 4280327384

■ 4285970648

■ 4278883800

■ 4287414232

■ 4278227672

■ 4288792280

■ 4290235864

■ 4291679448

■ 4293057496

■ 4294501080

■ 4294961624

# Harmonies

## Analogous

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



4280790980



4283149016



4286554589

# Triad

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



4283149016



4292642971



4287474029

# Complementary

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



4283149016



4292376907

# 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.



4289634402



4283149016



4292512893

# Square

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



4283149016



4291660986



4291401320



4285050758

# Rectangle

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



4283149016



4288584407



4291401320



4288259944

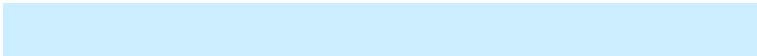


# Sweetspot

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



4283149016



4291620607



4283160696



4284577408



4278190080



4286611584



# Same Dimension

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



4283149016



4281908991



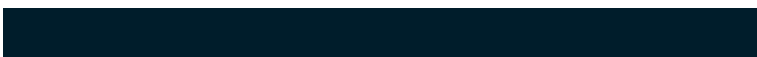
4283131352



4284508267



4278219691



4278197547



# Inverse Universe

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



4292365226



4294916286



4292394571



4285227112



4289396851



4281008157



# Previews

## White Background



This preview shows how the Android color 4283149016 looks on a white background.

## Color Contrast Check

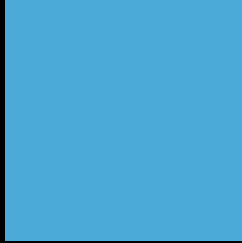
Large Text (above 18pt) WCAG AA × Fail

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 4283149016 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 4283149016 Background



This preview shows how black text looks on a background with the Android color 4283149016.



This preview shows how white text looks on a background with the Android color 4283149016.

# 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



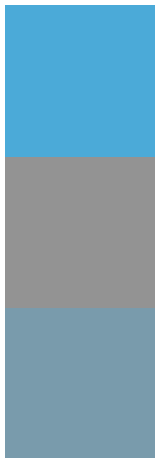
**Original Color**  
4283149016

**Protanomaly**  
4286096082

**Deuteranomaly**  
4285833946

**Tritanomaly**  
4282494407

# Monochromacy



**Original Color**  
4283149016

**Achromatopsia**  
4287861651

**Achromatomaly**  
4286159788

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283149016 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(75, 170, 216)` looks like.

```
.text, #text, p{  
    color:rgb(75, 170, 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(75, 170, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 170, 216) }
```

## Border

The CSS property to change the border of an element to Android 4283149016 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(75, 170, 216) }
```

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

```
.border{ border-color:rgb(75, 170, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 170, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 170, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 170, 216);  
box-shadow:4px 4px 4px 4px rgb(75, 170,  
216) }
```

# Background

The CSS property to change the background color of an element to Android 4283149016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 170, 216) }
```

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

```
.background{ background-color: rgb(75, 170,  
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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