

# Converting Colors

Android(4283236307)

Have a look what the booklet for  
Android(4283236307) contains.

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# **Color**

**Android(4283236307)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CFFD3
RGB	76, 255, 211
RGB Percent	30%, 100%, 83%
CMY	0.7020, 0.0000, 0.1725
CMYK	0.70, 0.00, 0.17, 0.00
HSL	165°, 100%, 65%
HSV	165°, 70%, 100%
XYZ	50.4984, 77.7596, 73.9756
YIQ	196.4630, -92.5600, -51.6320

# Conversions

## Conversions Part 2

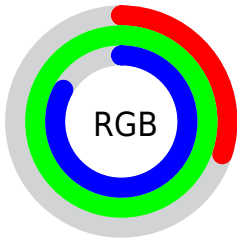
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">76, 178, 255</a>
Decimal	<a href="#">5046227</a>
CIELab	<a href="#">90.67, -54.82, 8.09</a>
CIElCh	<a href="#">91, 55.415, 171.603</a>
Yxy	<a href="#">77.7596, 0.2497, 0.3845</a>
Android (android.graphics.Color)	<a href="#">4283236307 (0xFF4CFFD3)</a>
YUV	<a href="#">196.4630, 7.1667, -105.6461</a>
Hunter-Lab	<a href="#">88.1814, -52.0969, 11.9885</a>

# Details

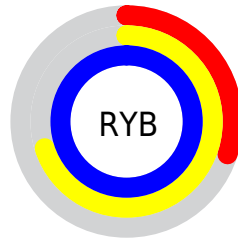
The Android color `4283236307` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light washed cyan. A complement of this color would be `4294921336`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4287823871`, and `4278240669` is the 20% darker color. If you saturate the color by 10%, you get `4281597901`, and if you desaturate by 10%, it is `4284940249`.

# Distribution



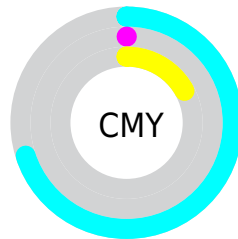
- Red (30%)
- Green (100%)
- Blue (83%)



- Red (30%)
- Yellow (70%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283236307 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 4283236307 by changing the saturation by 10% instead.





4283236307



4283236307

4294967295



4279624375



4287823871



4278240669



4289921023



4278233474



4291952639



4278226537



4294049791



4278219601



4278213178



4278206757



4278200848



4278191360

■ 4283236307

■ 4283236307

■ 4281597901

■ 4284940249

■ 4279893958

■ 4286578656

■ 4278255552

■ 4288282598

■ 4289921004

■ 4291624946

■ 4293263353

4294967295

# Harmonies

## Analogous

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



4288805280



4283236307



4278255615

# Triad

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



4283236307



4292009215



4294953363

# Complementary

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



4283236307



4294921336

# 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.



4294949824



4283236307



4294953215

# Square

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



4283236307



4285394687



4294949878



4294958202

# Rectangle

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



4283236307



4278255103



4294949878



4294952096

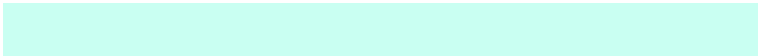


# Sweetspot

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



4283236307



4291428338



4286185292



4284514424



4278190080



4286611584



# Same Dimension

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



4283236307



4280942538



4283224831



4285759612



4278239120



4278206512



# Inverse Universe

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



4294921336



4294912349



4294932812



4286608246



4290707503

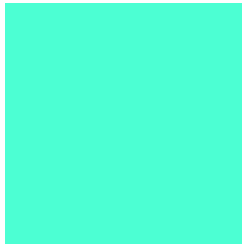


4282384400



# Previews

## White Background



This preview shows how the Android color 4283236307 looks on a white background.

## Color Contrast Check

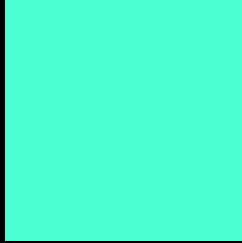
Large Text (above 18pt) WCAG AA × Fail

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 4283236307 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 4283236307 Background



This preview shows how black text looks on a background with the Android color 4283236307.



This preview shows how white text looks on a background with the Android color 4283236307.

# Color Blindness Simulation

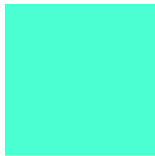
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



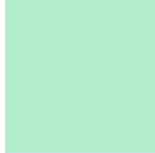


# Trichromacy



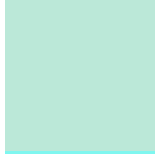
**Original Color**

4283236307



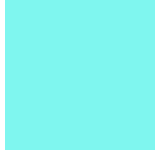
**Protanomaly**

4289916361



**Deuteranomaly**

4290504920



**Tritanomaly**

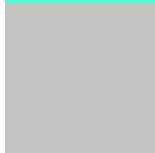
4286576367

# Monochromacy



**Original Color**

4283236307



**Achromatopsia**

4291085508



**Achromatomaly**

4288207305

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283236307 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(76, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(76, 255, 211)  
}
```

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(76, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 255, 211) }
```

## Border

The CSS property to change the border of an element to Android 4283236307 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(76, 255, 211) }
```

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

```
.border{ border-color:rgb(76, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(76, 255,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4283236307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 255, 211) }
```

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

```
.background{ background-color: rgb(76, 255,  
211) }
```

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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