

# Converting Colors

Android(4283744227)

Have a look what the booklet for  
Android(4283744227) contains.

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# **Color**

**Android(4283744227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54BFE3
RGB	84, 191, 227
RGB Percent	33%, 75%, 89%
CMY	0.6706, 0.2510, 0.1098
CMYK	0.63, 0.16, 0.00, 0.11
HSL	195°, 72%, 61%
HSV	195°, 63%, 89%
XYZ	36.1521, 44.6925, 79.3941
YIQ	163.1110, -75.3280, -11.4880

# Conversions

## Conversions Part 2

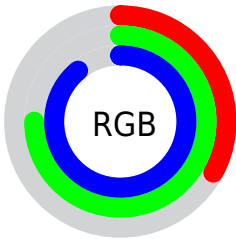
Format	Color
R <sub>YB</sub>	84, 145, 227
Decimal	5554147
CIE Lab	72.69, -20.01, -27.10
CIE LCh	73, 33.687, 233.564
Yxy	44.6925, 0.2256, 0.2789
Android (android.graphics.Color)	4283744227 (0xFF54BFE3)
YUV	163.1110, 31.4973, -69.3803
Hunter-Lab	66.8524, -20.4635, -23.6163

# Details

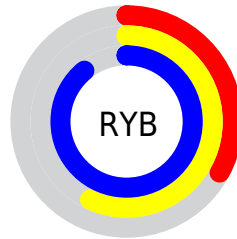
The Android color `4283744227` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted azure. A complement of this color would be `4293097556`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4287821823`, and `4278225324` is the 20% darker color. If you saturate the color by 10%, you get `4282235363`, and if you desaturate by 10%, it is `4285253091`.

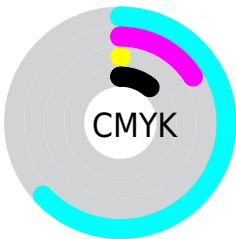
# Distribution



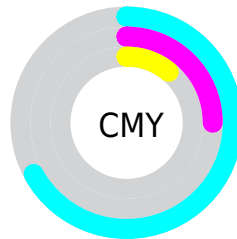
- Red (33%)
- Green (75%)
- Blue (89%)



- Red (33%)
- Yellow (57%)
- Blue (89%)



- Cyan (63%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)


















- Cyan (67%)
- Magenta (25%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283744227 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 4283744227 by changing the saturation by 10% instead.



 4283744227	 4283744227
4294967295	 4281312455
 4287821823	 4278225324
 4289789951	 4278218897
 4291756031	 4278212471
 4293787647	 4278206558
	 4278200902
	 4278195248
	 4278190363
	 4278190080

■ 4283744227

■ 4283744227

■ 4282235363

■ 4285253091

■ 4280792291

■ 4286696163

■ 4279283427

■ 4288205027

■ 4278233827

■ 4289713891

■ 4291157219

■ 4292665827

■ 4294174691

■ 4294962659

■ 4294963939

# Harmonies

## Analogous

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



4283155402



4283744227



4286494703

# Triad

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



4283744227



4293565626



4289640569

# Complementary

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



4283744227



4293097556

# 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.



4291735157



4283744227



4293893275

# Square

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



4283744227



4292059863



4293239938



4287348621

# Rectangle

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



4283744227



4288590062



4293239938



4290426230

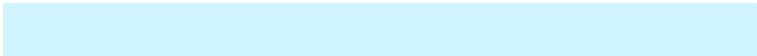


# Sweetspot

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



4283744227



4291818495



4283753336



4284643456



4278190080



4286611584



# Same Dimension

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



4283744227



4282240767



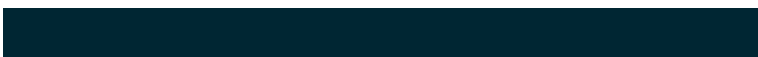
4283726051



4284969075



4278224563



4278199859



# Inverse Universe

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



4293088447



4294917582



4293115732



4285753200



4289921158

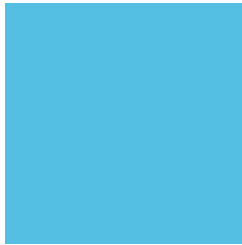


4281532454



# Previews

## White Background



This preview shows how the Android color 4283744227 looks on a white background.

## Color Contrast Check

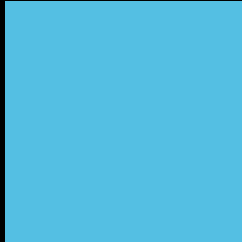
Large Text (above 18pt) WCAG AA × Fail

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 4283744227 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 4283744227 Background



This preview shows how black text looks on a background with the Android color 4283744227.



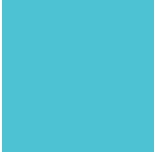
This preview shows how white text looks on a background with the Android color 4283744227.

# 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





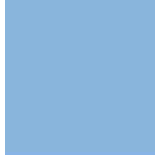
**Tritanopia**  
4283220690

# Trichromacy



**Original Color**

4283744227



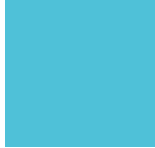
**Protanomaly**

4287215068



**Deuteranomaly**

4287149286



**Tritanomaly**

4283417048

# Monochromacy



**Original Color**

4283744227



**Achromatopsia**

4288914339



**Achromatomaly**

4287016378

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283744227 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(84, 191, 227)` looks like.

```
.text, #text, p{  
    color:rgb(84, 191, 227)  
}
```

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(84, 191, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 191, 227) }
```

## Border

The CSS property to change the border of an element to Android 4283744227 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(84, 191, 227) }
```

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

```
.border{ border-color:rgb(84, 191, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 191, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 191, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 191, 227);  
box-shadow:4px 4px 4px 4px rgb(84, 191,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4283744227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 191, 227) }
```

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

```
.background{ background-color: rgb(84, 191,  
227) }
```

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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