

# Converting Colors

Android(4284738023)

Have a look what the booklet for  
Android(4284738023) contains.

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# **Color**

**Android(4284738023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63E9E7
RGB	99, 233, 231
RGB Percent	39%, 91%, 91%
CMY	0.6118, 0.0863, 0.0941
CMYK	0.58, 0.00, 0.01, 0.09
HSL	179°, 75%, 65%
HSV	179°, 58%, 91%
XYZ	48.7083, 66.7000, 85.9085
YIQ	192.7060, -79.2220, -29.0300

# Conversions

## Conversions Part 2

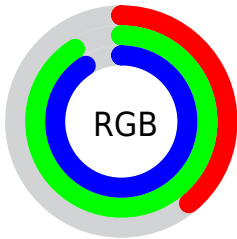
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 167, 233
Decimal	6547943
CIE <sub>Lab</sub>	85.35, -36.74, -10.06
CIE <sub>LCh</sub>	85, 38.095, 195.317
Yxy	66.7000, 0.2419, 0.3313
Android (android.graphics.Color)	4284738023 (0xFF63E9E7)
YUV	192.7060, 18.8789, -82.1802
Hunter-Lab	81.6701, -36.4646, -5.1979

# Details

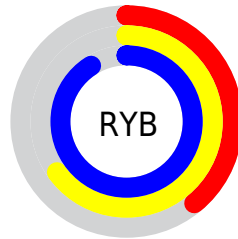
The Android color `4284738023` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4293485413`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4288806911`, and `4278563248` is the 20% darker color. If you saturate the color by 10%, you get `4283230695`, and if you desaturate by 10%, it is `4286245351`.

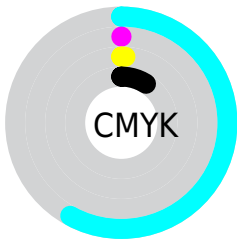
# Distribution



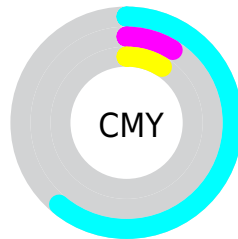
- Red (39%)
- Green (91%)
- Blue (91%)



- Red (39%)
- Yellow (65%)
- Blue (91%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (61%)
- Magenta (9%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284738023 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 4284738023 by changing the saturation by 10% instead.





4284738023



4284738023

4294967295



4282437067



4288806911



4278563248



4290838527



4278228629



4292804607



4278221691

4294836223



4278215266



4278208843



4278202932



4278197279




4278190085

 4284738023

 4284738023

 4283230695

 4286245351

 4281657830

 4287818216

 4280150502

 4289325544

 4278643174

 4290832872

 4278249958

 4292405737

 4293913065

 4294961641

 4294961642

# Harmonies

## Analogous

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



4287162562



4284738023



4284540671

# Triad

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



4284738023



4294035199



4294888848

# Complementary

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



4284738023



4293485413

# 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.



4294951332



4284738023



4294950121

# Square

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



4284738023



4290892543



4294949572



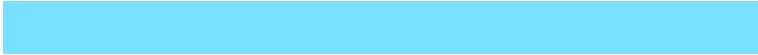
4292598159

# Rectangle

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



4284738023



4286177791



4294949572



4294953365

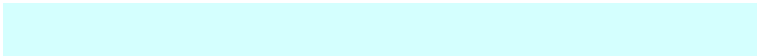


# Sweetspot

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



4284738023



4292149246



4284868963



4284907647



4278190080



4286611584



# Same Dimension

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



4284738023



4283432956



4284721385



4285166965



4278236594



4278203957



# Inverse Universe

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



4293485413



4294922066



4293502051



4285885034



4290052099

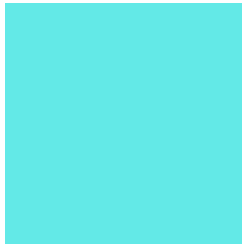


4281729025



# Previews

## White Background



This preview shows how the Android color 4284738023 looks on a white background.

## Color Contrast Check

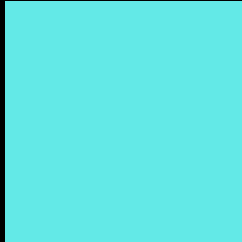
Large Text (above 18pt) WCAG AA × Fail

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 4284738023 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 4284738023 Background



This preview shows how black text looks on a background with the Android color 4284738023.



This preview shows how white text looks on a background with the Android color 4284738023.

# 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



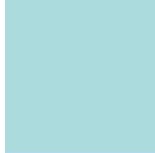


# Trichromacy



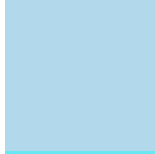
**Original Color**

4284738023



**Protanomaly**

4289518558



**Deuteranomaly**

4289845483



**Tritanomaly**

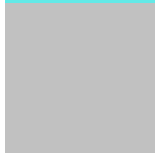
4284999666

# Monochromacy



**Original Color**

4284738023



**Achromatopsia**

4290888129



**Achromatomaly**

4288663759

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284738023 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(99, 233, 231)` looks like.

```
.text, #text, p{  
    color:rgb(99, 233, 231)  
}
```

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(99, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 233, 231) }
```

## Border

The CSS property to change the border of an element to Android 4284738023 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(99, 233, 231) }
```

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

```
.border{ border-color:rgb(99, 233, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(99, 233,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4284738023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 233, 231) }
```

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

```
.background{ background-color: rgb(99, 233,  
231) }
```

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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