

# Converting Colors

Android(4284928487)

Have a look what the booklet for  
Android(4284928487) contains.

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# Color

**Android(4284928487)**

# Conversions

Conversions Part 1	
Format	Color
Hex	66D1E7
RGB	102, 209, 231
RGB Percent	40%, 82%, 91%
CMY	0.6000, 0.1804, 0.0941
CMYK	0.56, 0.10, 0.00, 0.09
HSL	190°, 73%, 65%
HSV	190°, 56%, 91%
XYZ	42.7038, 54.1952, 83.8113
YIQ	179.5150, -70.8340, -15.8420

# Conversions

## Conversions Part 2

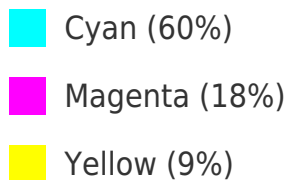
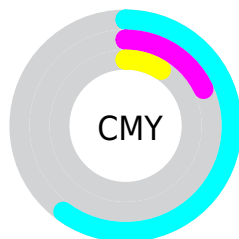
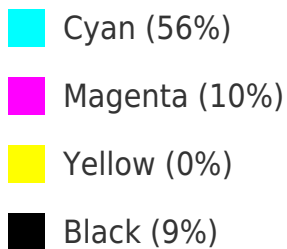
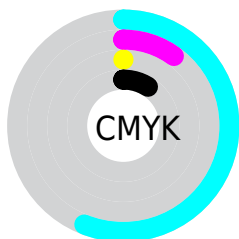
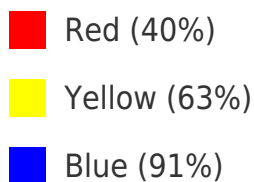
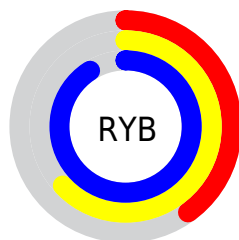
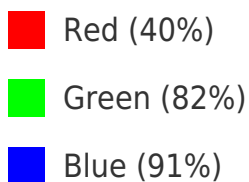
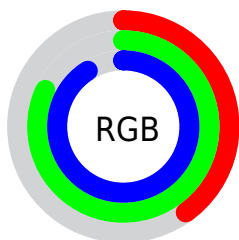
Format	Color
<a href="#">RYB</a>	<a href="#">102, 160, 231</a>
Decimal	<a href="#">6738407</a>
CIELab	<a href="#">78.58, -24.70, -20.23</a>
CIELCh	<a href="#">79, 31.927, 219.321</a>
Yxy	<a href="#">54.1952, 0.2363, 0.2999</a>
Android (android.graphics.Color)	<a href="#">4284928487</a> (0xFF66D1E7)
YUV	<a href="#">179.5150, 25.3821, -67.9807</a>
Hunter-Lab	<a href="#">73.6174, -25.2867, -15.9678</a>

# Details

The Android color **4284928487** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **4293360742**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4288872447**, and **4280064687** is the 20% darker color. If you saturate the color by 10%, you get **4283420135**, and if you desaturate by 10%, it is **4286436839**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4284928487 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 4284928487 by changing the saturation by 10% instead.



 4284928487

 4284928487

4294967295

 4282824139

 4288872447

 4280064687

 4290838527

 4278222997

 4292804607

 4278216571

 4294770687





 4278210146

 4278204234

 4278198835

 4278190623

 4278190081

 4284928487	 4284928487
 4283420135	 4286436839
 4281911783	 4287945191
 4280403431	 4289453543
 4278895079	 4290961895
 4278239463	 4292535783
	 4294044135
	 4294962663
	 4294963687
	 4294964455

# Harmonies

## Analogous

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



4285453259



4284928487



4286630905

# Triad

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



4284928487



4293963736



4291740808

# Complementary

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



4284928487



4293360742

# 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.



4293507724



4284928487



4294880442

# Square

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



4284928487



4292065520



4294685086



4289580180

# Rectangle

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



4284928487



4288398845



4294685086



4292395143

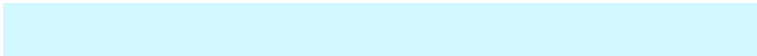


# Sweetspot

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



4284928487



4292147455



4284934011



4284906368



4278190080



4286611584



# Same Dimension

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



4284928487



4283753215



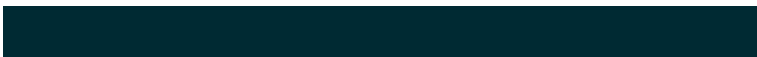
4284912103



4284969331



4278228147



4278200883



# Inverse Universe

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



429335217



4294923490



4293377126



4285753201



4289921172

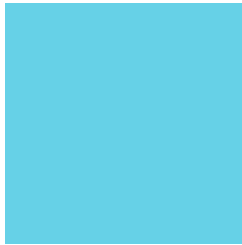


4281532458



# Previews

## White Background



This preview shows how the Android color 4284928487 looks on a white background.

## Color Contrast Check

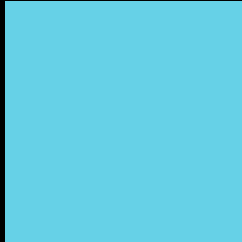
Large Text (above 18pt) WCAG AA × Fail

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 4284928487 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 4284928487 Background



This preview shows how black text looks on a background with the Android color 4284928487.



This preview shows how white text looks on a background with the Android color 4284928487.

# 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](#).

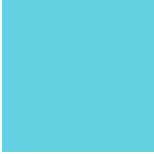
## Dichromacy



**Original Color**  
4284928487

**Protanopia**  
4290625756

**Deuteranopia**  
4290756075



**Tritanopia**  
4284797667

# Trichromacy

	<b>Original Color</b> 4284928487
	<b>Protanomaly</b> 4288530144
	<b>Deuteranomaly</b> 4288660714
	<b>Tritanomaly</b> 4284863204

# Monochromacy

	<b>Original Color</b> 4284928487
	<b>Achromatopsia</b> 4290032820
	<b>Achromatomaly</b> 4288200647

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284928487 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(102, 209, 231)` looks like.

```
.text, #text, p{  
    color:rgb(102, 209, 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(102, 209, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 209, 231) }
```

## Border

The CSS property to change the border of an element to Android 4284928487 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(102, 209, 231) }
```

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

```
.border{ border-color:rgb(102, 209, 231) }
```

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

Here you see how a box with a 4 pixel rgb(102, 209, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 209, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 209, 231);  
box-shadow:4px 4px 4px 4px rgb(102, 209,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4284928487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 209, 231) }
```

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

```
.background{ background-color: rgb(102,  
209, 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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