

# Converting Colors

Android(4287087824)

Have a look what the booklet for  
Android(4287087824) contains.

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# Color

**Android(4287087824)**

# Conversions

Conversions Part 1	
Format	Color
Hex	87C4D0
RGB	135, 196, 208
RGB Percent	53%, 77%, 82%
CMY	0.4706, 0.2314, 0.1843
CMYK	0.35, 0.06, 0.00, 0.18
HSL	190°, 44%, 67%
HSV	190°, 35%, 82%
XYZ	41.1168, 49.1848, 67.0010
YIQ	179.1290, -40.2080, -9.2000

# Conversions

## Conversions Part 2

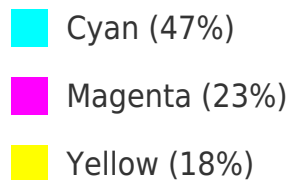
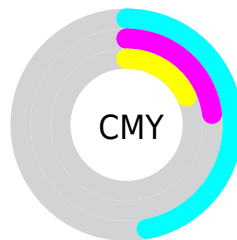
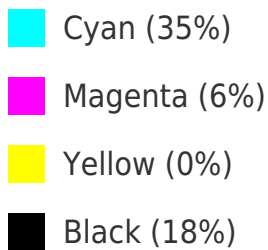
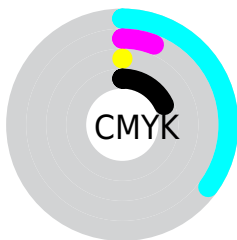
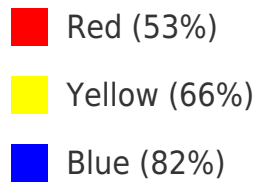
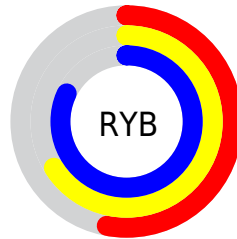
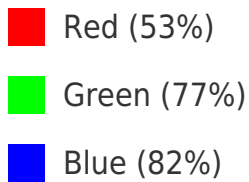
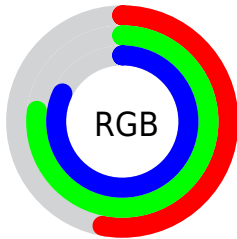
Format	Color
<a href="#">RYB</a>	<a href="#">135, 168, 208</a>
Decimal	<a href="#">8897744</a>
CIELab	<a href="#">75.57, -16.53, -12.24</a>
CIELCh	<a href="#">76, 20.570, 216.516</a>
Yxy	<a href="#">49.1848, 0.2614, 0.3127</a>
Android (android.graphics.Color)	<a href="#">4287087824</a> (0xFF87C4D0)
YUV	<a href="#">179.1290, 14.2334, -38.7011</a>
Hunter-Lab	<a href="#">70.1319, -18.0802, -7.5508</a>

# Details

The Android color **4287087824** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **4291859335**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4290772479**, and **4283535002** is the 20% darker color. If you saturate the color by 10%, you get **4285710800**, and if you desaturate by 10%, it is **4288464848**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4287087824 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 4287087824 by changing the saturation by 10% instead.



 4287087824 4287087824

4294967295

 4285311412 4290772479 4283535002 4292607999 4281759104 4294508543 4279786599 4278207567 4278201912 4278196770 4278190091 4278190080

 4287087824	 4287087824
 4285710800	 4288464848
 4284333520	 4289842128
 4283022032	 4291153616
 4281644752	 4292530896
 4280267728	 4293907920
 4278890448	 4294957520
 4278234832	 4294958288
	 4294959056
	 4294960080

# Harmonies

## Analogous

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



4287350206



4287087824



4287873244

# Triad

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



4287087824



4292259786



4291148437

# Complementary

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



4287087824



4291859335

# 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.



4292261016



4287087824



4292980151

# Square

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



4287087824



4291015897



4292915108



4289708187

# Rectangle

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



4287087824



4288855520



4292915108



4291541141

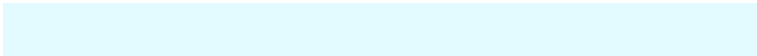


# Sweetspot

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



4287087824



4293131007



4287090834



4285496704



4278190080



4286611584

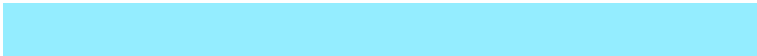


# Same Dimension

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



4287087824



4287950335



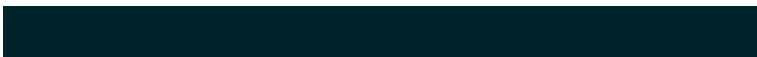
4287078864



4284376937



4278226344



4278198825



# Inverse Universe

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



4291856324



4294939885



4291868295



4285095527



4289200269

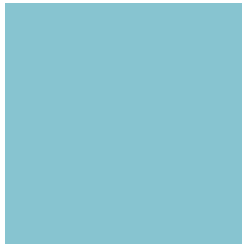


4280877090



# Previews

## White Background



This preview shows how the Android color 4287087824 looks on a white background.

## Color Contrast Check

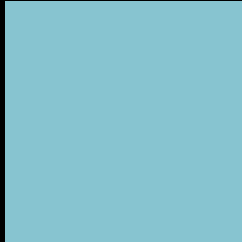
Large Text (above 18pt) WCAG AA × Fail

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 4287087824 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

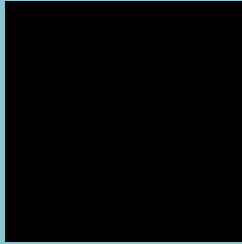
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4287087824 Background



This preview shows how black text looks on a background with the Android color 4287087824.

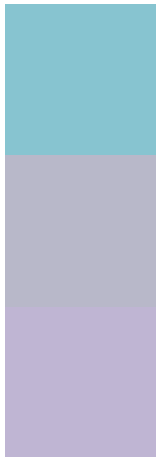


This preview shows how white text looks on a background with the Android color 4287087824.

# 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**  
4287087824

**Protanopia**  
4290296009

**Deuteranopia**  
4290754003



# Trichromacy

	<b>Original Color</b> 4287087824
	<b>Protanomaly</b> 4289117388
	<b>Deuteranomaly</b> 4289444562
	<b>Tritanomaly</b> 4287153106

# Monochromacy

	<b>Original Color</b> 4287087824
	<b>Achromatopsia</b> 4289967027
	<b>Achromatomaly</b> 4288919998

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287087824 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(135, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(135, 196, 208)  
}
```

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(135, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 196, 208) }
```

## Border

The CSS property to change the border of an element to Android 4287087824 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(135, 196, 208) }
```

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

```
.border{ border-color:rgb(135, 196, 208) }
```

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

Here you see how a box with a 4 pixel rgb(135, 196, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 196, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 196, 208);  
box-shadow:4px 4px 4px 4px rgb(135, 196,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4287087824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 196, 208) }
```

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

```
.background{ background-color: rgb(135,  
196, 208) }
```

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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