

Converting Colors

Android(4283021007)

Have a look what the booklet for
Android(4283021007) contains.

Android(4283021007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283021007)

Conversions

Conversions Part 1

Format	Color
Hex	49B6CF
RGB	73, 182, 207
RGB Percent	29%, 71%, 81%
CMY	0.7137, 0.2863, 0.1882
CMYK	0.65, 0.12, 0.00, 0.19
HSL	191°, 58%, 55%
HSV	191°, 65%, 81%
XYZ	30.7381, 39.3774, 65.0120
YIQ	152.2590, -72.9890, -15.3330

Conversions

Conversions Part 2

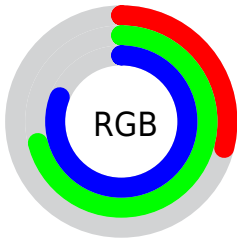
Format	Color
RYB	73, 133, 207
Decimal	4830927
CIELab	69.02, -23.28, -21.82
CIElCh	69, 31.907, 223.146
Yxy	39.3774, 0.2275, 0.2914
Android (android.graphics.Color)	4283021007 (0xFF49B6CF)
YUV	152.2590, 26.9873, -69.5101
Hunter-Lab	62.7514, -22.3786, -17.5000

Details

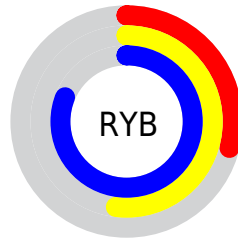
The Android color `4283021007` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted azure. A complement of this color would be `4291781193`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4287098623`, and `4278223257` is the 20% darker color. If you saturate the color by 10%, you get `4281643727`, and if you desaturate by 10%, it is `4284398287`.

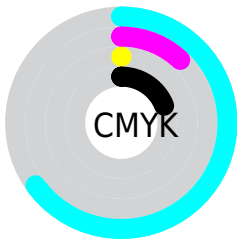
Distribution



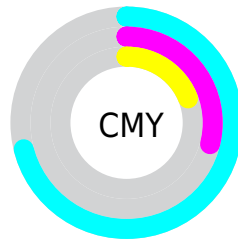
- Red (29%)
- Green (71%)
- Blue (81%)



- Red (29%)
- Yellow (52%)
- Blue (81%)



- Cyan (65%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)


















- Cyan (71%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283021007 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 4283021007 by changing the saturation by 10% instead.

 4283021007	 4283021007
4294967295	 4280458163
 4287098623	 4278223257
 4289069055	 4278216831
 4291035135	 4278210406
 4293001215	 4278204493
	 4278199095
	 4278190626
	 4278190087
	 4278190080

■ 4283021007

■ 4283021007

■ 4281643727

■ 4284398287

■ 4280331983

■ 4285710031

■ 4278954703

■ 4287087311

■ 4278233295

■ 4288464335

■ 4289841615

■ 4291153359

■ 4292530639

■ 4293907919

■ 4294957519

Harmonies

Analogous

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



4283414709



4283021007



4285116639

Triad

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



4283021007



4292318650



4289768304

Complementary

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



4283021007



4291781193

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.



4291535218



4283021007



4293039005

Square

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



4283021007



4290551251



4292712578



4287607421

Rectangle

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



4283021007



4287015650



4292712578



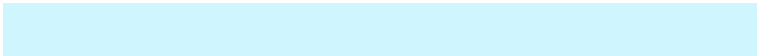
4290357359

Sweetspot

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



4283021007



4291819263



4283027298



4284643968



4278190080



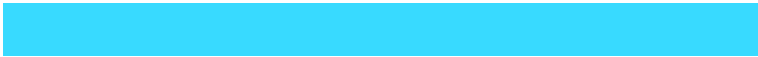
4286611584

Same Dimension

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



4283021007



4281916159



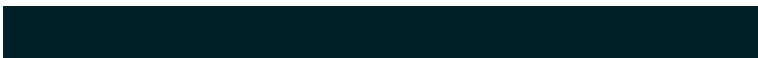
4283003855



4284376937



4278225320



4278198569

Inverse Universe

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



4291774902



4294916314



4291798345



4285095527



4289200265



4280877089

Previews

White Background



This preview shows how the Android color 4283021007 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 4283021007 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 4283021007 Background



This preview shows how black text looks on a background with the Android color 4283021007.



This preview shows how white text looks on a background with the Android color 4283021007.

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
4283021007



Protanomaly
4286688456



Deuteranomaly
4286688210



Tritanomaly
4282824649

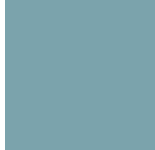
Monochromacy



Original Color
4283021007



Achromatopsia
4288190616



Achromatomaly
4286292908

CSS Examples

Text

The CSS property to change the color of the text to Android 4283021007 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(73, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(73, 182, 207)  
}
```

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(73, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 182, 207) }
```

Border

The CSS property to change the border of an element to Android 4283021007 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(73, 182, 207) }
```

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

```
.border{ border-color:rgb(73, 182, 207) }
```

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

Here you see how a box with a 4 pixel rgb(73, 182, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(73, 182,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4283021007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 182, 207) }
```

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

```
.background{ background-color: rgb(73, 182,  
207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor