

Converting Colors

Android(4283807953)

Have a look what the booklet for
Android(4283807953) contains.

Android(4283807953)	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(4283807953)

Conversions

Conversions Part 1

Format	Color
Hex	55B8D1
RGB	85, 184, 209
RGB Percent	33%, 72%, 82%
CMY	0.6667, 0.2784, 0.1804
CMYK	0.59, 0.12, 0.00, 0.18
HSL	192°, 57%, 58%
HSV	192°, 59%, 82%
XYZ	32.3954, 40.8157, 66.4924
YIQ	157.2490, -67.0290, -13.2130

Conversions

Conversions Part 2

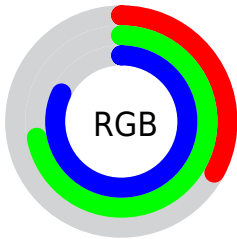
Format	Color
R _Y B	85, 140, 209
Decimal	5617873
CIE Lab	70.05, -21.63, -21.33
CIE LCh	70, 30.373, 224.596
Yxy	40.8157, 0.2319, 0.2922
Android (android.graphics.Color)	4283807953 (0xFF55B8D1)
YUV	157.2490, 25.5132, -63.3624
Hunter-Lab	63.8872, -21.2902, -16.9867

Details

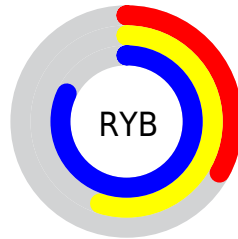
The Android color `4283807953` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted azure. A complement of this color would be `4291915349`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4287754495`, and `4278223771` is the 20% darker color. If you saturate the color by 10%, you get `4282430673`, and if you desaturate by 10%, it is `4285185233`.

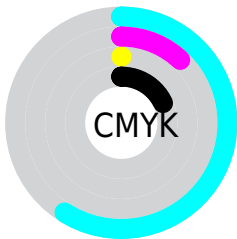
Distribution



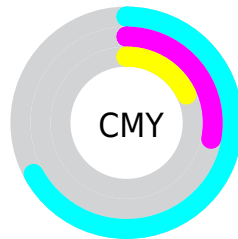
- Red (33%)
- Green (72%)
- Blue (82%)



- Red (33%)
- Yellow (55%)
- Blue (82%)



- Cyan (59%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (67%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283807953 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 4283807953 by changing the saturation by 10% instead.

 4283807953

 4283807953

4294967295


 4281572789

 4287754495

 4278223771

 4289658879

 4278217088

 4291624959

 4278210919

 4293591039

 4278205007

 4278199352

 4278190883

 4278190090

 4278190080

■ 4283807953

■ 4283807953

■ 4282430673

■ 4285185233

■ 4281053393

■ 4286562513

■ 4279675857

■ 4287940049

■ 4278298577

■ 4289317329

■ 4278233041

■ 4290694609

■ 4292006353

■ 4293383633

■ 4294761169

■ 4294958801

Harmonies

Analogous

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



4283939512



4283807953



4285706976

Triad

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



4283807953



4292450491



4289834613

Complementary

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



4283807953



4291915349

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.



4291536246



4283807953



4293040031

Square

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



4283807953



4290813907



4292713606



4287804803

Rectangle

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



4283807953



4287474914



4292713606



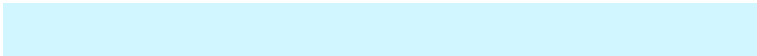
4290423668

Sweetspot

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



4283807953



4291950335



4283814254



4284709504



4278190080



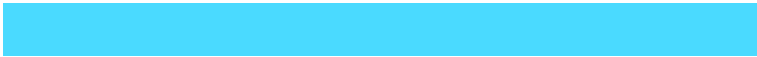
4286611584

Same Dimension

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



4283807953



4283095807



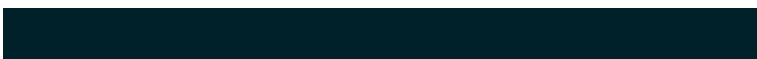
4283792081



4284376681



4278224552



4278198569

Inverse Universe

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



4291909048



4294920922



4291931221



4285095526



4289200262



4280877089

Previews

White Background



This preview shows how the Android color 4283807953 looks on a white background.

Color Contrast Check

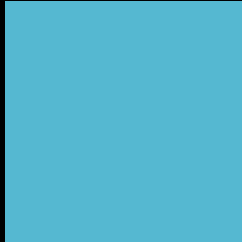
Large Text (above 18pt) WCAG AA × Fail

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 4283807953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

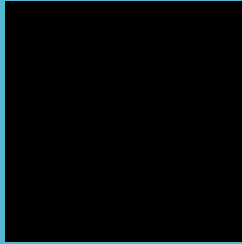
Any Text WCAG AA ✓ Pass

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 4283807953 Background



This preview shows how black text looks on a background with the Android color 4283807953.



This preview shows how white text looks on a background with the Android color 4283807953.

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
4283807953

Protanopia
4288981447

Deuteranopia
4289046485

Trichromacy



Original Color
4283807953



Protanomaly
4287082187



Deuteranomaly
4287147476



Tritanomaly
4283611595

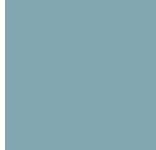
Monochromacy



Original Color
4283807953



Achromatopsia
4288519581



Achromatomaly
4286818224

CSS Examples

Text

The CSS property to change the color of the text to Android 4283807953 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(85, 184, 209)` looks like.

```
.text, #text, p{  
    color:rgb(85, 184, 209)  
}
```

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(85, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 184, 209) }
```

Border

The CSS property to change the border of an element to Android 4283807953 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(85, 184, 209) }
```

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

```
.border{ border-color:rgb(85, 184, 209) }
```

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

Here you see how a box with a 4 pixel rgb(85, 184, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(85, 184,  
209) }
```

Background

The CSS property to change the background color of an element to Android 4283807953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 184, 209) }
```

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

```
.background{ background-color: rgb(85, 184,  
209) }
```

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