

Converting Colors

Android(4283934171)

Have a look what the booklet for
Android(4283934171) contains.

Android(4283934171)	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(4283934171)

Conversions

Conversions Part 1

Format	Color
Hex	57A5DB
RGB	87, 165, 219
RGB Percent	34%, 65%, 86%
CMY	0.6588, 0.3529, 0.1412
CMYK	0.60, 0.25, 0.00, 0.14
HSL	205°, 65%, 60%
HSV	205°, 60%, 86%
XYZ	30.1718, 34.0510, 72.0001
YIQ	147.8340, -63.8220, 0.2580

Conversions

Conversions Part 2

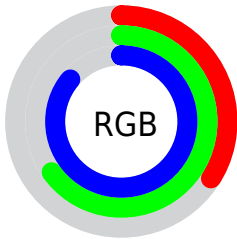
Format	Color
R _Y B	87, 136, 219
Decimal	5744091
CIE Lab	65.00, -8.07, -34.58
CIE LCh	65, 35.511, 256.865
Yxy	34.0510, 0.2215, 0.2500
Android (android.graphics.Color)	4283934171 (0xFF57A5DB)
YUV	147.8340, 35.0848, -53.3514
Hunter-Lab	58.3532, -9.8239, -32.3087

Details

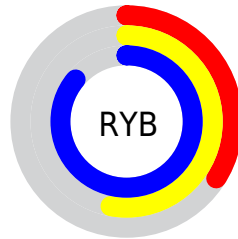
The Android color `4283934171` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4292578647`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4287880447`, and `4278219172` is the 20% darker color. If you saturate the color by 10%, you get `4282490075`, and if you desaturate by 10%, it is `4285378267`.

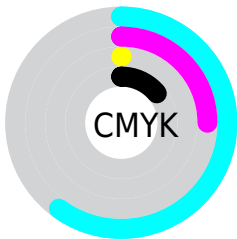
Distribution



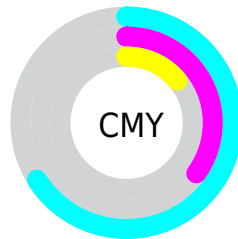
- Red (34%)
- Green (65%)
- Blue (86%)



- Red (34%)
- Yellow (53%)
- Blue (86%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283934171 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 4283934171 by changing the saturation by 10% instead.

 4283934171

 4283934171

4294967295


 4281764799

 4287880447

 4278219172

 4289788159

 4278213001

 4291756031

 4278207088

 4293722111

 4278201431

 4278196287

 4278190889

 4278190355

 4278190080

■ 4283934171

■ 4283934171

■ 4282490075

■ 4285378267

■ 4281045979

■ 4286822363

■ 4279601883

■ 4288266459

■ 4278223323

■ 4289710555

■ 4291089115

■ 4292533211

■ 4293977307

■ 4294962651

■ 4294964955

Harmonies

Analogous

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



4280265931



4283934171



4287470554

Triad

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



4283934171



4292642445



4286425457

Complementary

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



4283934171



4292578647

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.



4288782688



4283934171



4292119665

Square

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



4283934171



4292052909



4290746208



4283739790

Rectangle

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



4283934171



4289434577



4290746208



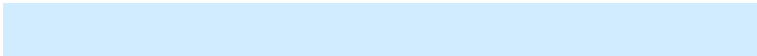
4287211370

Sweetspot

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



4283934171



4291947775



4283947916



4284707968



4278190080



4286611584

Same Dimension

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



4283934171



4282889471



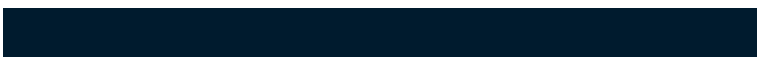
4283917531



4284705134



4278216365



4278197038

Inverse Universe

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



4292564901



4294920116



4292595287



4285424489



4289527910



4281204763

Previews

White Background



This preview shows how the Android color 4283934171 looks on a white background.

Color Contrast Check

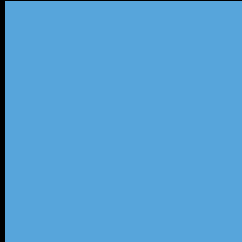
Large Text (above 18pt) WCAG AA × Fail

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 4283934171 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 4283934171 Background



This preview shows how black text looks on a background with the Android color 4283934171.



This preview shows how white text looks on a background with the Android color 4283934171.

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
4283934171

Protanomaly
4286160854

Deuteranomaly
4285898716

Tritanomaly
4283279813

Monochromacy



Original Color
4283934171

Achromatopsia
4287927444

Achromatomaly
4286487214

CSS Examples

Text

The CSS property to change the color of the text to Android 4283934171 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(87, 165, 219)` looks like.

```
.text, #text, p{  
    color:rgb(87, 165, 219)  
}
```

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(87, 165, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 165, 219) }
```

Border

The CSS property to change the border of an element to Android 4283934171 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(87, 165, 219) }
```

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

```
.border{ border-color:rgb(87, 165, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 165, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 165, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 165, 219);  
box-shadow:4px 4px 4px 4px rgb(87, 165,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4283934171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 165, 219) }
```

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

```
.background{ background-color: rgb(87, 165,  
219) }
```

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