

# Converting Colors

Android(4283804643)

Have a look what the booklet for  
Android(4283804643) contains.

<b>Android(4283804643)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4283804643)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55ABE3
RGB	85, 171, 227
RGB Percent	33%, 67%, 89%
CMY	0.6667, 0.3294, 0.1098
CMYK	0.63, 0.25, 0.00, 0.11
HSL	204°, 72%, 61%
HSV	204°, 63%, 89%
XYZ	32.1744, 36.6032, 78.0424
YIQ	151.6700, -69.2320, -0.8160

# Conversions

## Conversions Part 2

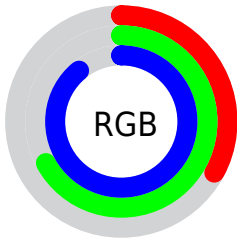
Format	Color
R <sub>Y</sub> B	85, 139, 227
Decimal	5614563
CIE Lab	66.98, -9.20, -35.92
CIE LCh	67, 37.080, 255.636
Yxy	36.6032, 0.2191, 0.2493
Android (android.graphics.Color)	4283804643 (0xFF55ABE3)
YUV	151.6700, 37.1377, -58.4696
Hunter-Lab	60.5006, -10.9492, -34.1305

# Details

The Android color `4283804643` 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 `4293102933`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4287816447`, and `4278220715` is the 20% darker color. If you saturate the color by 10%, you get `4282295011`, and if you desaturate by 10%, it is `4285314275`.

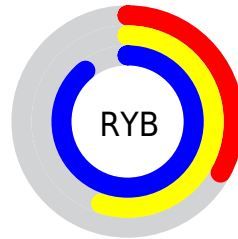
# Distribution



Red (33%)

Green (67%)

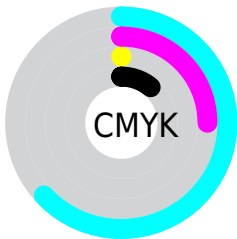
Blue (89%)



Red (33%)

Yellow (55%)

Blue (89%)

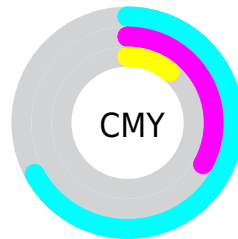


Cyan (63%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (33%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283804643 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 4283804643 by changing the saturation by 10% instead.





4283804643



4283804643

4294967295



4281504199



4287816447



4278220715



4289789951



4278214289



4291756031



4278208375



4293722111



4278202718



4278197574



4278191151



4278190361



4278190080

■ 4283804643

■ 4283804643

■ 4282295011

■ 4285314275

■ 4280850915

■ 4286758371

■ 4279341283

■ 4288268003

■ 4278225379

■ 4289777635

■ 4291221731

■ 4292731363

■ 4294240995

■ 4294964195

■ 4294966499

# Harmonies

## Analogous

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



4279415506



4283804643



4287602915

# Triad

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



4283804643



4293167507



4286754675

# Complementary

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



4283804643



4293102933

# 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.



4289177442



4283804643



4292710517

# Square

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



4283804643



4292512692



4291271522



4283937937

# Rectangle

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



4283804643



4289698009



4291271522



4287605868

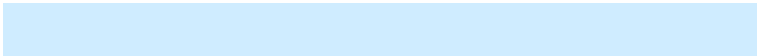


# Sweetspot

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



4283804643



4291816703



4283818891



4284642432



4278190080



4286611584



# Same Dimension

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



4283804643



4282430719



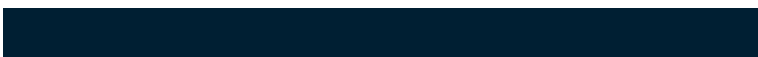
4283786979



4284968563



4278217907



4278198067



# Inverse Universe

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



4293088683



4294918324



4293120597



4285753198



4289921132



4281532447



# Previews

## White Background



This preview shows how the Android color 4283804643 looks on a white background.

## Color Contrast Check

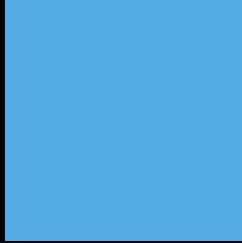
Large Text (above 18pt) WCAG AA × Fail

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 4283804643 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

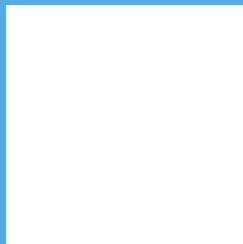
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283804643 Background



This preview shows how black text looks on a background with the Android color 4283804643.



This preview shows how white text looks on a background with the Android color 4283804643.

# 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**  
4283804643

**Protanomaly**  
4286293213

**Deuteranomaly**  
4285965540

**Tritanomaly**  
4283084749

# Monochromacy



**Original Color**  
4283804643

**Achromatopsia**  
4288190616

**Achromatomaly**  
4286619571

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283804643 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, 171, 227)` looks like.

```
.text, #text, p{  
    color:rgb(85, 171, 227)  
}
```

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, 171, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 171, 227) }
```

## Border

The CSS property to change the border of an element to Android 4283804643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

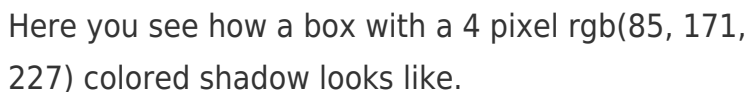
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 171, 227) }
```

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

```
.border{ border-color:rgb(85, 171, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 171, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 171, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 171, 227); box-shadow:4px 4px 4px 4px rgb(85, 171, 227) }
```

# Background

The CSS property to change the background color of an element to Android 4283804643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 171, 227) }
```

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

```
.background{ background-color: rgb(85, 171,  
227) }
```

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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