

# Converting Colors

Android(4283279597)

Have a look what the booklet for  
Android(4283279597) contains.

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# **Color**

**Android(4283279597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA8ED
RGB	77, 168, 237
RGB Percent	30%, 66%, 93%
CMY	0.6980, 0.3412, 0.0706
CMYK	0.68, 0.29, 0.00, 0.07
HSL	206°, 82%, 62%
HSV	206°, 68%, 93%
XYZ	32.3493, 35.6975, 85.3061
YIQ	148.6570, -76.3850, 2.1670

# Conversions

## Conversions Part 2

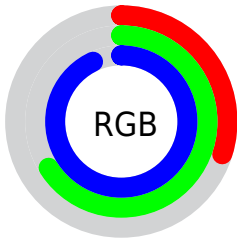
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 135, 237</a>
Decimal	<a href="#">5089517</a>
CIELab	<a href="#">66.29, -5.59, -42.50</a>
CIELCh	<a href="#">66, 42.866, 262.502</a>
Yxy	<a href="#">35.6975, 0.2109, 0.2328</a>
Android (android.graphics.Color)	<a href="#">4283279597 (0xFF4DA8ED)</a>
YUV	<a href="#">148.6570, 43.5531, -62.8432</a>
Hunter-Lab	<a href="#">59.7474, -7.9119, -42.8299</a>

# Details

The Android color `4283279597` 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 `4293759565`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4287487999`, and `4278219957` is the 20% darker color. If you saturate the color by 10%, you get `4281704173`, and if you desaturate by 10%, it is `4284855021`.

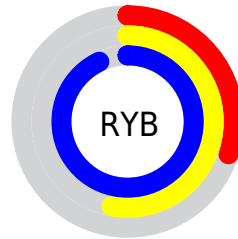
# Distribution



Red (30%)

Green (66%)

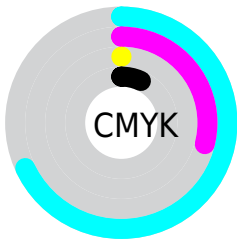
Blue (93%)



Red (30%)

Yellow (53%)

Blue (93%)

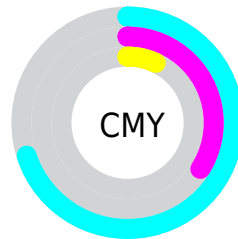


Cyan (68%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (70%)

Magenta (34%)
















Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283279597 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 4283279597 by changing the saturation by 10% instead.



 4283279597	 4283279597
4294967295	 4280520401
 4287487999	 4278219957
 4289527039	 4278213786
 4291493887	 4278207871
 4293459967	 4278202214
	 4278197069
	 4278191414
	 4278190624
	 4278190084

■ 4283279597

■ 4283279597

■ 4281704173

■ 4284855021

■ 4280194285

■ 4286364909

■ 4278618605

■ 4287940589

■ 4278224877

■ 4289516013

■ 4291025901

■ 4292601325

■ 4294177005

■ 4294965997

■ 4294967277

# Harmonies

## Analogous

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



4278235613



4283279597



4288060392

# Triad

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



4283279597



4293624966



4285509745

# Complementary

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



4283279597



4293759565

# 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.



4288456792



4283279597



4292709989

# Square

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



4283279597



4293165996



4290944084



4281382294

# Rectangle

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



4283279597



4290417114



4290944084



4286557799

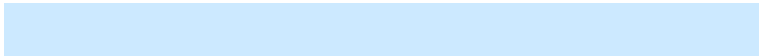


# Sweetspot

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



4283279597



4291619327



4283297168



4284576384



4278190080



4286611584



# Same Dimension

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



4283279597



4281378559



4283259629



4285165685



4278216629



4278197814



# Inverse Universe

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



4293741992



4294914214



4293779533



4285885040



4290052199



4281729054



# Previews

## White Background



This preview shows how the Android color 4283279597 looks on a white background.

## Color Contrast Check

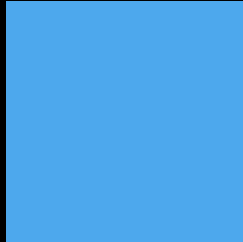
Large Text (above 18pt) WCAG AA × Fail

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 4283279597 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

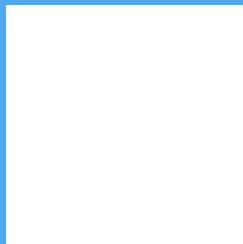
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283279597 Background



This preview shows how black text looks on a background with the Android color 4283279597.



This preview shows how white text looks on a background with the Android color 4283279597.

# 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





**Tritanopia**  
4281381311

# Trichromacy



**Original Color**  
4283279597

**Protanomaly**  
4285833960

**Deuteranomaly**  
4285309678

**Tritanomaly**  
4282101456

# Monochromacy



**Original Color**  
4283279597

**Achromatopsia**  
4287993237

**Achromatomaly**  
4286291125

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283279597 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(77, 168, 237)` looks like.

```
.text, #text, p{  
    color:rgb(77, 168, 237)  
}
```

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(77, 168, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 168, 237) }
```

## Border

The CSS property to change the border of an element to Android 4283279597 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(77, 168, 237) }
```

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

```
.border{ border-color:rgb(77, 168, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 168, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 168, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 168, 237); box-shadow:4px 4px 4px 4px rgb(77, 168, 237) }
```

# Background

The CSS property to change the background color of an element to Android 4283279597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 168, 237) }
```

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

```
.background{ background-color: rgb(77, 168,  
237) }
```

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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