

# Converting Colors

Android(4280981985)

Have a look what the booklet for  
Android(4280981985) contains.

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# Color

**Android(4280981985)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A99E1
RGB	42, 153, 225
RGB Percent	16%, 60%, 88%
CMY	0.8353, 0.4000, 0.1176
CMYK	0.81, 0.32, 0.00, 0.12
HSL	204°, 75%, 52%
HSV	204°, 81%, 88%
XYZ	25.9367, 28.7109, 75.4089
YIQ	128.0190, -89.2680, -1.1400

# Conversions

## Conversions Part 2

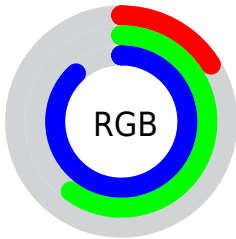
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 111, 225
Decimal	2791905
CIE <sub>Lab</sub>	60.53, -5.54, -45.01
CIE <sub>LCh</sub>	61, 45.349, 262.982
Yxy	28.7109, 0.1994, 0.2208
Android (android.graphics.Color)	4280981985 (0xFF2A99E1)
YUV	128.0190, 47.8116, -75.4387
Hunter-Lab	53.5826, -7.3665, -45.9334

# Details

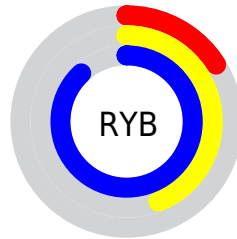
The Android color `4280981985` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4292964906`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285911039`, and `4278216361` is the 20% darker color. If you saturate the color by 10%, you get `4279537889`, and if you desaturate by 10%, it is `4282491617`.

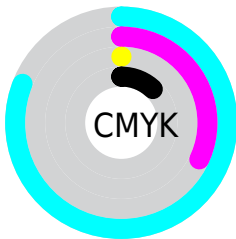
# Distribution



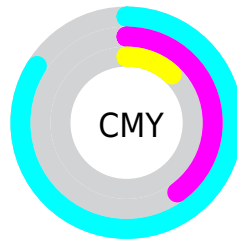
- Red (16%)
- Green (60%)
- Blue (88%)



- Red (16%)
- Yellow (44%)
- Blue (88%)



- Cyan (81%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (84%)
- Magenta (40%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280981985 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 4280981985 by changing the saturation by 10% instead.





4280981985



4280981985

4294967295



4278222789



4285911039



4278216361



4287949823



4278210446



4289986559



4278204532



4292018175



4278199131



4294049791



4278192964



4278190892



4278190359



4278190080

■ 4280981985

■ 4280981985

■ 4279537889

■ 4282491617

■ 4278225121

■ 4283935713

■ 4285445345

■ 4286889185

■ 4288398817

■ 4289842913

■ 4291352545

■ 4292796641

■ 4294240737

# Harmonies

## Analogous

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



4278231761



4280981985



4287007708

# Triad

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



4280981985



4292702837



4284195168

# Complementary

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



4280981985



4292964906

# 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.



4287338821



4280981985



4291788371

# Square

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



4280981985



4292309405



4289891648



4278232711

# Rectangle

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



4280981985



4289495501



4289891648



4285374293

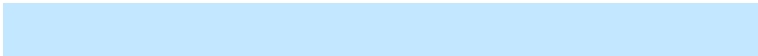


# Sweetspot

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



4280981985



4290963455



4281000304



4284182912



4278190080



4286611584

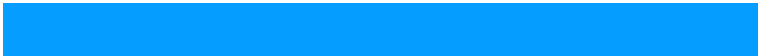


# Same Dimension

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



4280981985



4278558207



4280958945



4284836976



4278217648



4278197552



# Inverse Universe

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



4292946585



4294903197



4292987946



4285556076



4289724523

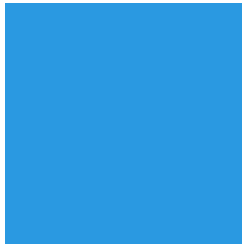


4281335837



# Previews

## White Background



This preview shows how the Android color 4280981985 looks on a white background.

## Color Contrast Check

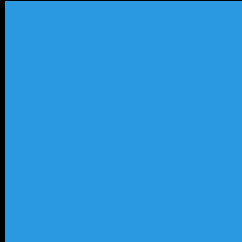
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280981985 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 × Fail

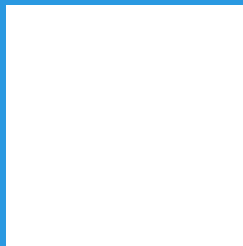
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280981985 Background



This preview shows how black text looks on a background with the Android color 4280981985.



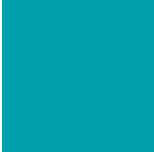
This preview shows how white text looks on a background with the Android color 4280981985.

# 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**  
4278231469

# Trichromacy



**Original Color**  
4280981985

**Protanomaly**  
4284256987

**Deuteranomaly**  
4283471074

**Tritanomaly**  
4279213760

# Monochromacy



**Original Color**  
4280981985

**Achromatopsia**  
4286611584

**Achromatomaly**  
4284582307

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280981985 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(42, 153, 225)` looks like.

```
.text, #text, p{  
    color:rgb(42, 153, 225)  
}
```

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(42, 153, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 153, 225) }
```

## Border

The CSS property to change the border of an element to Android 4280981985 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(42, 153, 225) }
```

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

```
.border{ border-color:rgb(42, 153, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 153, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 153, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 153, 225);  
box-shadow:4px 4px 4px 4px rgb(42, 153,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4280981985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 153, 225) }
```

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

```
.background{ background-color: rgb(42, 153,  
225) }
```

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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