

# Converting Colors

Android(4281320690)

Have a look what the booklet for  
Android(4281320690) contains.

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# **Color**

**Android(4281320690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FC4F2
RGB	47, 196, 242
RGB Percent	18%, 77%, 95%
CMY	0.8157, 0.2314, 0.0510
CMYK	0.81, 0.19, 0.00, 0.05
HSL	194°, 88%, 57%
HSV	194°, 81%, 95%
XYZ	36.9392, 46.4950, 91.0319
YIQ	156.6930, -103.5700, -17.2820

# Conversions

## Conversions Part 2

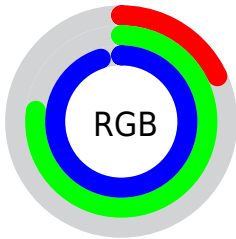
Format	Color
R <sub>YB</sub>	47, 131, 242
Decimal	3130610
CIE <sub>Lab</sub>	73.87, -22.47, -33.47
CIE <sub>LCh</sub>	74, 40.313, 236.127
Yxy	46.4950, 0.2117, 0.2665
Android (android.graphics.Color)	4281320690 (0xFF2FC4F2)
YUV	156.6930, 42.0564, -96.2008
Hunter-Lab	68.1872, -22.6285, -31.4228

# Details

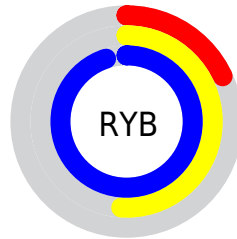
The Android color `4281320690` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294073647`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4286447103`, and `4278226618` is the 20% darker color. If you saturate the color by 10%, you get `4279746290`, and if you desaturate by 10%, it is `4282895090`.

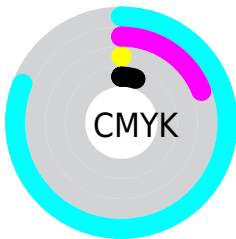
# Distribution



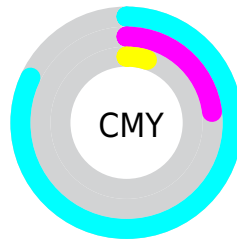
- Red (18%)
- Green (77%)
- Blue (95%)



- Red (18%)
- Yellow (51%)
- Blue (95%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (23%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281320690 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 4281320690 by changing the saturation by 10% instead.



 4281320690

 4281320690

4294967295

 4278233558

 4286447103

 4278226618

 4288544767

 4278219935

 4290641919

 4278213764

 4292673535

 4278207595

 4294770687

 4278201682

 4278196539

 4278190629

 4278190349

■ 4281320690

■ 4281320690

■ 4279746290

■ 4282895090

■ 4278237682

■ 4284469234

■ 4286109170

■ 4287683570

■ 4289257970

■ 4290832114

■ 4292406514

■ 4294046450

■ 4294965234

# Harmonies

## Analogous

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



4278831573



4281320690



4286036991

# Triad

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



4281320690



4294547900



4289576306

# Complementary

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



4281320690



4294073647

# 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.



4291998315



4281320690



4294810519

# Square

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



4281320690



4292911583



4293895545



4286694795

# Rectangle

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



4281320690



4288721660



4293895545



4290427501

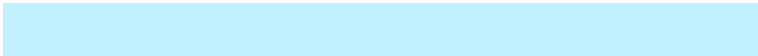


# Sweetspot

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



4281320690



4290966015



4281332317



4284184448



4278190080



4286611584

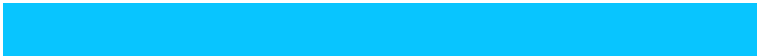


# Same Dimension

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



4281320690



4278765055



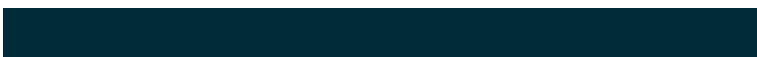
4281295858



4285298040



4278226104



4278201144



# Inverse Universe

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



4294062020



4294904005



4294098479



4286082165



4290248844

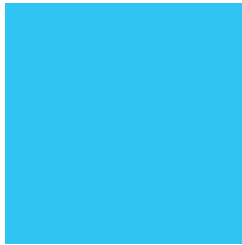


4281860139



# Previews

## White Background



This preview shows how the Android color 4281320690 looks on a white background.

## Color Contrast Check

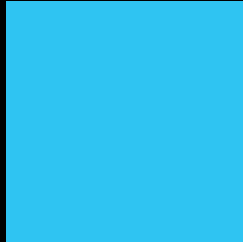
Large Text (above 18pt) WCAG AA × Fail

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 4281320690 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 4281320690 Background



This preview shows how black text looks on a background with the Android color 4281320690.



This preview shows how white text looks on a background with the Android color 4281320690.

# 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**

4281320690



**Protanomaly**

4286298602



**Deuteranomaly**

4286036469



**Tritanomaly**

4279355361

# Monochromacy



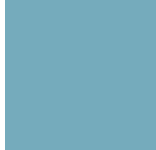
**Original Color**

4281320690



**Achromatopsia**

4288519581



**Achromatomaly**

4285901756

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281320690 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(47, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(47, 196, 242)  
}
```

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(47, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 196, 242) }
```

## Border

The CSS property to change the border of an element to Android 4281320690 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(47, 196, 242) }
```

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

```
.border{ border-color:rgb(47, 196, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 196, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(47, 196,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4281320690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 196, 242) }
```

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

```
.background{ background-color: rgb(47, 196,  
242) }
```

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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