

# Converting Colors

Android(4281972966)

Have a look what the booklet for  
Android(4281972966) contains.

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# **Color**

**Android(4281972966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39B8E6
RGB	57, 184, 230
RGB Percent	22%, 72%, 90%
CMY	0.7765, 0.2784, 0.0980
CMYK	0.75, 0.20, 0.00, 0.10
HSL	196°, 78%, 56%
HSV	196°, 75%, 90%
XYZ	33.1108, 40.8640, 81.0053
YIQ	151.2710, -90.4580, -12.6180

# Conversions

## Conversions Part 2

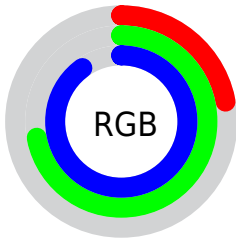
Format	Color
R <sub>Y</sub> B	57, 130, 230
Decimal	3782886
CIE Lab	70.08, -19.22, -32.81
CIE LCh	70, 38.025, 239.634
Yxy	40.8640, 0.2136, 0.2637
Android (android.graphics.Color)	4281972966 (0xFF39B8E6)
YUV	151.2710, 38.8134, -82.6757
Hunter-Lab	63.9250, -19.4123, -30.3845

# Details

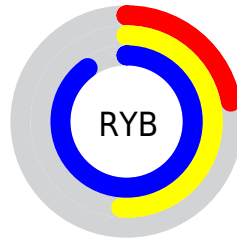
The Android color **4281972966** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **4293289785**, and the grayscale version is **4288124823**.

A 20% lighter version of the original color is **4286640383**, and **4278223790** is the 20% darker color. If you saturate the color by 10%, you get **4280464102**, and if you desaturate by 10%, it is **4283481830**.

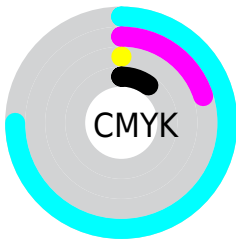
# Distribution



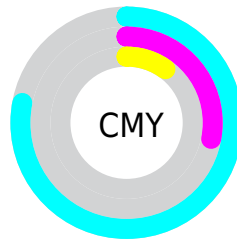
- Red (22%)
- Green (72%)
- Blue (90%)



- Red (22%)
- Yellow (51%)
- Blue (90%)



- Cyan (75%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)




- Cyan (78%)
- Magenta (28%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281972966 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 4281972966 by changing the saturation by 10% instead.



 4281972966

 4281972966

4294967295

 4278230474

 4286640383

 4278223790

 4288675839

 4278217364

 4290707455

 4278210938

 4292739071

 4278205025

 4294770687

 4278199624

 4278191410

 4278190620

 4278190080

■ 4281972966

■ 4281972966

■ 4280464102

■ 4283481830

■ 4278955238

■ 4284990694

■ 4278233574

■ 4286499558

■ 4288008422

■ 4289517542

■ 4291026406

■ 4292535270

■ 4294044134

■ 4294963174

# Harmonies

## Analogous

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



4279418316



4281972966



4286099440

# Triad

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



4281972966



4293693613



4288656238

# Complementary

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



4281972966



4293289785

# 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.



4290947430



4281972966



4293759883

# Square

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



4281972966



4292253647



4292779377



4285905543

# Rectangle

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



4281972966



4288587756



4292779377



4289441897

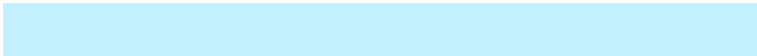


# Sweetspot

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



4281972966



4291096575



4281984612



4284249728



4278190080



4286611584



# Same Dimension

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



4281972966



4279878399



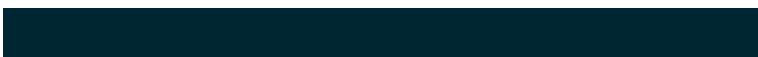
4281951462



4284969075



4278223795



4278199603



# Inverse Universe

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



4293278136



4294908354



4293311289



4285753200



4289921155

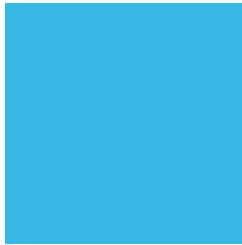


4281532453



# Previews

## White Background



This preview shows how the Android color 4281972966 looks on a white background.

## Color Contrast Check

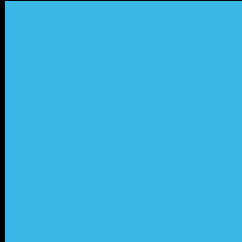
Large Text (above 18pt) WCAG AA × Fail

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 4281972966 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 4281972966 Background



This preview shows how black text looks on a background with the Android color 4281972966.



This preview shows how white text looks on a background with the Android color 4281972966.

# 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**

4281972966



**Protanomaly**

4286164702



**Deuteranomaly**

4285837033



**Tritanomaly**

4280859605

# Monochromacy



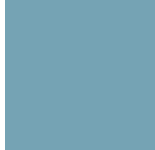
**Original Color**

4281972966



**Achromatopsia**

4288124823



**Achromatomaly**

4285899700

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281972966 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(57, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(57, 184, 230)  
}
```

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(57, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 184, 230) }
```

## Border

The CSS property to change the border of an element to Android 4281972966 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(57, 184, 230) }
```

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

```
.border{ border-color:rgb(57, 184, 230) }
```

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

Here you see how a box with a 4 pixel rgb(57, 184, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(57, 184,  
230) }
```

# Background

The CSS property to change the background color of an element to Android 4281972966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 184, 230) }
```

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

```
.background{ background-color: rgb(57, 184,  
230) }
```

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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