

# Converting Colors

Android(4282170102)

Have a look what the booklet for  
Android(4282170102) contains.

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# **Color**

**Android(4282170102)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3CBAF6
RGB	60, 186, 246
RGB Percent	24%, 73%, 96%
CMY	0.7647, 0.2706, 0.0353
CMYK	0.76, 0.24, 0.00, 0.04
HSL	199°, 91%, 60%
HSV	199°, 76%, 96%
XYZ	36.0569, 42.7323, 93.5365
YIQ	155.1660, -94.3560, -8.0520

# Conversions

## Conversions Part 2

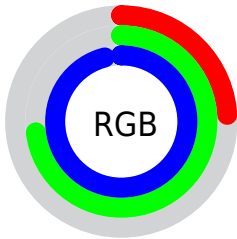
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	60, 135, 246
Decimal	3980022
CIE Lab	71.37, -14.65, -39.48
CIE LCh	71, 42.113, 249.638
Yxy	42.7323, 0.2092, 0.2480
Android (android.graphics.Color)	4282170102 (0xFF3CBAF6)
YUV	155.1660, 44.7812, -83.4606
Hunter-Lab	65.3699, -15.9399, -39.0779

# Details

The Android color `4282170102` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light washed azure. A complement of this color would be `4294342716`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4286903039`, and `4278224317` is the 20% darker color. If you saturate the color by 10%, you get `4280529654`, and if you desaturate by 10%, it is `4283810550`.

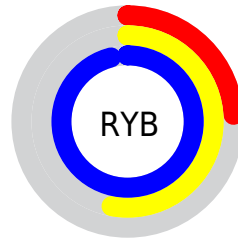
# Distribution



Red (24%)

Green (73%)

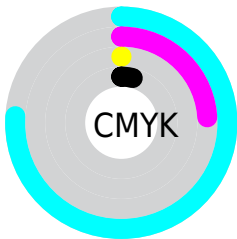
Blue (96%)



Red (24%)

Yellow (53%)

Blue (96%)

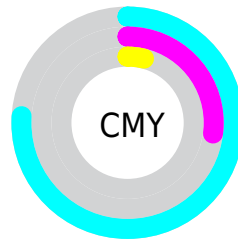


Cyan (76%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (27%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282170102 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 4282170102 by changing the saturation by 10% instead.



 4282170102

 4282170102

4294967295

 4278231001

 4286903039

 4278224317

 4289003519

 4278217890

 4291035135

 4278211720

 4293066751

 4278205806

 4278200149

 4278193982

 4278190887

 4278190353

■ 4282170102

■ 4282170102

■ 4280529654

■ 4283810550

■ 4278954742

■ 4285385462

■ 4278233078

■ 4287025910

■ 4288600822

■ 4290241270

■ 4291881718

■ 4293456630

■ 4294965750

■ 4294967286

# Harmonies

## Analogous

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



4278239711



4282170102



4287278842

# Triad

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



4282170102



4294545572



4287740786

# Complementary

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



4282170102



4294342716

# 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.



4290490722



4282170102



4294219648

# Square

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



4282170102



4293498058



4292715367



4284531091

# Rectangle

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



4282170102



4289897970



4292715367



4288723050

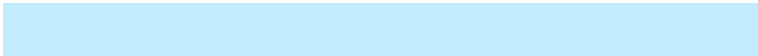


# Sweetspot

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



4282170102



4291095807



4282185335



4284249216



4278190080



4286611584

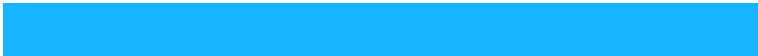


# Same Dimension

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



4282170102



4279743743



4282146550



4285429370



4278222522



4278200379



# Inverse Universe

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



4294327482



4294907828



4294366268



4286213750



4290379902

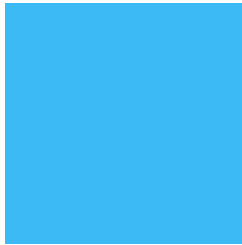


4282056744



# Previews

## White Background



This preview shows how the Android color 4282170102 looks on a white background.

## Color Contrast Check

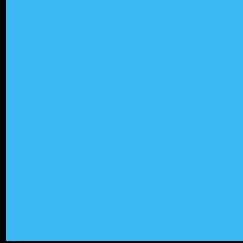
Large Text (above 18pt) WCAG AA × Fail

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 4282170102 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

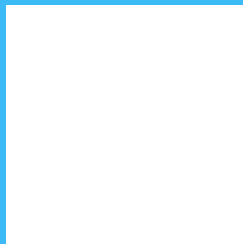
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282170102 Background



This preview shows how black text looks on a background with the Android color 4282170102.



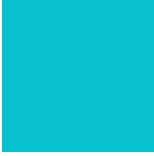
This preview shows how white text looks on a background with the Android color 4282170102.

# 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





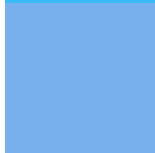
**Tritanopia**  
4278698449

# Trichromacy



**Original Color**

4282170102



**Protanomaly**

4286099694



**Deuteranomaly**

4285641208



**Tritanomaly**

4279942878

# Monochromacy



**Original Color**

4282170102



**Achromatopsia**

4288387995



**Achromatomaly**

4286097084

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282170102 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(60, 186, 246)` looks like.

```
.text, #text, p{  
    color:rgb(60, 186, 246)  
}
```

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(60, 186, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 186, 246) }
```

## Border

The CSS property to change the border of an element to Android 4282170102 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(60, 186, 246) }
```

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

```
.border{ border-color:rgb(60, 186, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 186, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 186, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 186, 246);  
box-shadow:4px 4px 4px 4px rgb(60, 186,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4282170102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 186, 246) }
```

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

```
.background{ background-color: rgb(60, 186,  
246) }
```

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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