

# Converting Colors

Android(4284917966)

Have a look what the booklet for  
Android(4284917966) contains.

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# **Color**

**Android(4284917966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66A8CE
RGB	102, 168, 206
RGB Percent	40%, 66%, 81%
CMY	0.6000, 0.3412, 0.1922
CMYK	0.50, 0.18, 0.00, 0.19
HSL	202°, 51%, 60%
HSV	202°, 50%, 81%
XYZ	30.6227, 35.2863, 63.5895
YIQ	152.5980, -51.5340, -2.1740

# Conversions

## Conversions Part 2

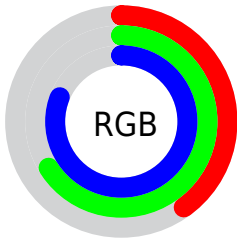
Format	Color
R <sub>YB</sub>	102, 142, 206
Decimal	6727886
CIE Lab	65.97, -10.55, -25.85
CIE LCh	66, 27.917, 247.793
Yxy	35.2863, 0.2365, 0.2725
Android (android.graphics.Color)	4284917966 (0xFF66A8CE)
YUV	152.5980, 26.3272, -44.3744
Hunter-Lab	59.4023, -11.9347, -21.8877

# Details

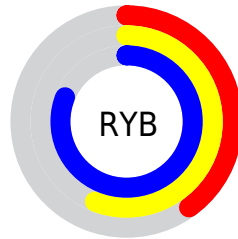
The Android color `4284917966` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291726438`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4288667647`, and `4280972440` is the 20% darker color. If you saturate the color by 10%, you get `4283539662`, and if you desaturate by 10%, it is `4286296270`.

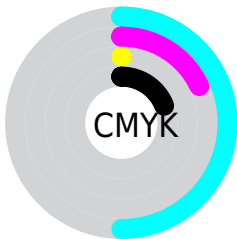
# Distribution



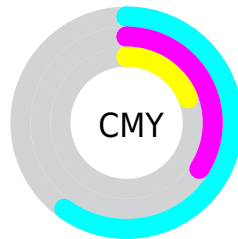
- Red (40%)
- Green (66%)
- Blue (81%)



- Red (40%)
- Yellow (56%)
- Blue (81%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (34%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284917966 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 4284917966 by changing the saturation by 10% instead.





4284917966



4284917966

4294967295



4283010738



4288667647



4280972440



4290510079



4278213502



4292411391



4278207588



4294377471



4278201932



4278196789



4278190624



4278190084



4278190080

■ 4284917966

■ 4284917966

■ 4283539662

■ 4286296270

■ 4282227150

■ 4287608782

■ 4280848846

■ 4288987086

■ 4279536334

■ 4290299598

■ 4278223822

■ 4291677902

■ 4293055950

■ 4294368718

■ 4294960334

■ 4294962382

# Harmonies

## Analogous

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



4283608510



4284917966



4287275218

# Triad

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



4284917966



4291989147



4287670392

# Complementary

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



4284917966



4291726438

# 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.



4289503598



4284917966



4291858819

# Square

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



4284917966



4291203252



4290943091



4285771149

# Rectangle

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



4284917966



4288781261



4290943091



4288325235

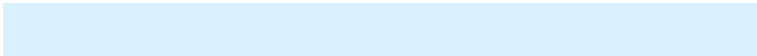


# Sweetspot

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



4284917966



4292473343



4284927626



4285101952



4278190080



4286611584

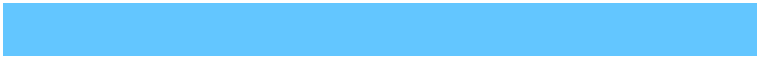


# Same Dimension

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



4284917966



4284729087



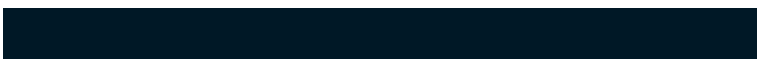
4284905166



4284244582



4278217126



4278196262



# Inverse Universe

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



4291716776



4294927302



4291739238



4284898402



4289069161



4280680472



# Previews

## White Background



This preview shows how the Android color 4284917966 looks on a white background.

## Color Contrast Check

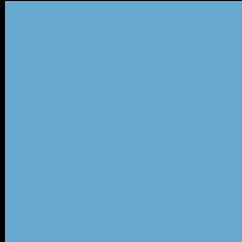
Large Text (above 18pt) WCAG AA × Fail

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 4284917966 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 4284917966 Background



This preview shows how black text looks on a background with the Android color 4284917966.



This preview shows how white text looks on a background with the Android color 4284917966.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284917966 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(102, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(102, 168, 206)  
}
```

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(102, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 168, 206) }
```

## Border

The CSS property to change the border of an element to Android 4284917966 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(102, 168, 206) }
```

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

```
.border{ border-color:rgb(102, 168, 206) }
```

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

Here you see how a box with a 4 pixel rgb(102, 168, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(102, 168,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4284917966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 168, 206) }
```

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

```
.background{ background-color: rgb(102,  
168, 206) }
```

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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