

# Converting Colors

Android(4284919772)

Have a look what the booklet for  
Android(4284919772) contains.

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# **Color**

**Android(4284919772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66AFDC
RGB	102, 175, 220
RGB Percent	40%, 69%, 86%
CMY	0.6000, 0.3137, 0.1373
CMYK	0.54, 0.20, 0.00, 0.14
HSL	203°, 63%, 63%
HSV	203°, 54%, 86%
XYZ	33.7277, 38.6520, 73.3931
YIQ	158.3030, -57.9530, -1.4810

# Conversions

## Conversions Part 2

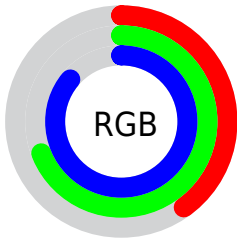
Format	Color
R <sub>YB</sub>	102, 147, 220
Decimal	6729692
CIE <sub>Lab</sub>	68.50, -10.23, -29.67
CIE <sub>LCh</sub>	68, 31.387, 250.975
Yxy	38.6520, 0.2314, 0.2652
Android (android.graphics.Color)	4284919772 (0xFF66AFDC)
YUV	158.3030, 30.4166, -49.3777
Hunter-Lab	62.1708, -11.9623, -26.4728

# Details

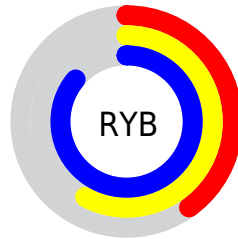
The Android color `4284919772` is a light color, and the websafe version is hex `3399CC`. A complement of this color would be `4292645734`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4288734975`, and `4280712101` is the 20% darker color. If you saturate the color by 10%, you get `4283475932`, and if you desaturate by 10%, it is `4286363612`.

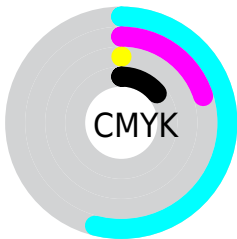
# Distribution



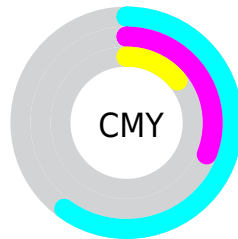
- Red (40%)
- Green (69%)
- Blue (86%)



- Red (40%)
- Yellow (58%)
- Blue (86%)



- Cyan (54%)
- Magenta (20%)
- Yellow (0%)
- Black (14%)


















- Cyan (60%)
- Magenta (31%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284919772 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 4284919772 by changing the saturation by 10% instead.



 4284919772	 4284919772
4294967295	 4282946752
 4288734975	 4280712101
 4290641919	 4278215306
 4292542463	 4278209137
 4294508543	 4278203480
	 4278198080
	 4278190890
	 4278190357
	 4278190080

■ 4284919772

■ 4284919772

■ 4283475932

■ 4286363612

■ 4282031836

■ 4287807708

■ 4280587996

■ 4289251548

■ 4279143900

■ 4290695644

■ 4278225116

■ 4292139484

■ 4293583324

■ 4294961884

■ 4294963932

■ 4294966236

# Harmonies

## Analogous

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



4283020747



4284919772



4287735518

# Triad

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



4284919772



4292842142



4287737979

# Complementary

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



4284919772



4292645734

# 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.



4289767791



4284919772



4292580995

# Square

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



4284919772



4292056250



4291469170



4285511060

# Rectangle

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



4284919772



4289503192



4291469170



4288458358

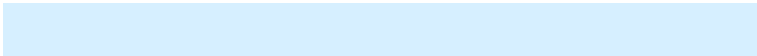


# Sweetspot

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



4284919772



4292276223



4284931217



4284970624



4278190080



4286611584

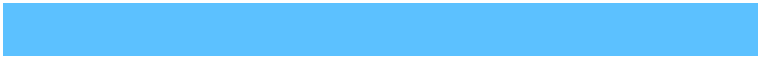


# Same Dimension

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



4284919772



4284269055



4284905180



4284705134



4278217645



4278197294



# Inverse Universe

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



4292634287



4294925505



4292660326



4285424489



4289527915



4281204764



# Previews

## White Background



This preview shows how the Android color 4284919772 looks on a white background.

## Color Contrast Check

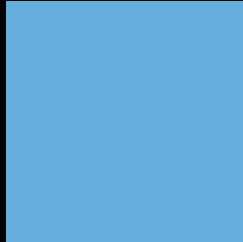
Large Text (above 18pt) WCAG AA × Fail

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 4284919772 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 4284919772 Background



This preview shows how black text looks on a background with the Android color 4284919772.



This preview shows how white text looks on a background with the Android color 4284919772.

# 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



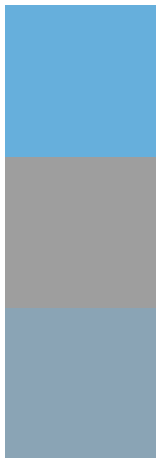
**Original Color**  
4284919772

**Protanomaly**  
4287080663

**Deuteranomaly**  
4286949597

**Tritanomaly**  
4284527307

# Monochromacy



**Original Color**  
4284919772

**Achromatopsia**  
4288585374

**Achromatomaly**  
4287276213

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284919772 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, 175, 220)` looks like.

```
.text, #text, p{  
    color:rgb(102, 175, 220)  
}
```

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, 175, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 175, 220) }
```

## Border

The CSS property to change the border of an element to Android 4284919772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

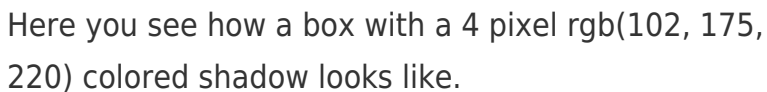
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 175, 220) }
```

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

```
.border{ border-color:rgb(102, 175, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 175, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 175, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 175, 220);  
box-shadow:4px 4px 4px 4px rgb(102, 175,  
220) }
```

# Background

The CSS property to change the background color of an element to Android 4284919772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 175, 220) }
```

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

```
.background{ background-color: rgb(102,  
175, 220) }
```

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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