

# Converting Colors

Android(4284717012)

Have a look what the booklet for  
Android(4284717012) contains.

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# **Color**

**Android(4284717012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6397D4
RGB	99, 151, 212
RGB Percent	39%, 59%, 83%
CMY	0.6118, 0.4078, 0.1686
CMYK	0.53, 0.29, 0.00, 0.17
HSL	212°, 57%, 61%
HSV	212°, 53%, 83%
XYZ	28.0959, 29.5393, 66.5082
YIQ	142.4060, -50.5730, 7.9470

# Conversions

## Conversions Part 2

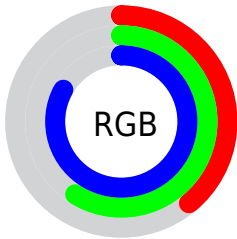
Format	Color
<b>RYB</b>	99, 135, 212
Decimal	6526932
CIELab	61.25, 0.08, -36.50
CIElCh	61, 36.497, 270.122
Yxy	29.5393, 0.2263, 0.2379
Android (android.graphics.Color)	4284717012 (0xFF6397D4)
YUV	142.4060, 34.3098, -38.0671
Hunter-Lab	54.3501, -2.8385, -34.5081

# Details

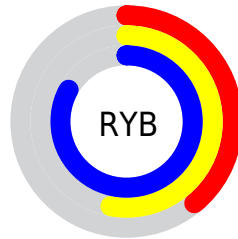
The Android color `4284717012` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292124771`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4288466431`, and `4280640669` is the 20% darker color. If you saturate the color by 10%, you get `4283337940`, and if you desaturate by 10%, it is `4286096084`.

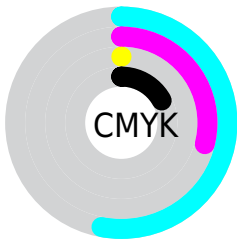
# Distribution



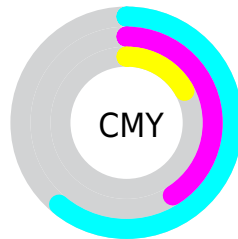
- Red (39%)
- Green (59%)
- Blue (83%)



- Red (39%)
- Yellow (53%)
- Blue (83%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)
- Black (17%)



- Cyan (61%)
- Magenta (41%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284717012 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 4284717012 by changing the saturation by 10% instead.



 4284717012

 4284717012

4294967295

 4282809784

 4288466431

 4280640669

 4290374143

 4278209923

 4292280319

 4278204009

 4294246399

 4278198865

 4278192698

 4278190627

 4278190090

 4278190080

■ 4284717012

■ 4284717012

■ 4283337940

■ 4286096084

■ 4281958612

■ 4287475412

■ 4280514004

■ 4288920020

■ 4279134676

■ 4290299348

■ 4278215380

■ 4291678420

■ 4293057748

■ 4294436820

■ 4294964180

■ 4294966996

# Harmonies

## Analogous

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



4280000715



4284717012



4288121804

# Triad

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



4284717012



4291919221



4284523123

# Complementary

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



4284717012



4292124771

# 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.



4287077467



4284717012



4290938717

# Square

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



4284717012



4291852949



4289237587



4281247123

# Rectangle

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



4284717012



4289889470



4289237587



4285440105

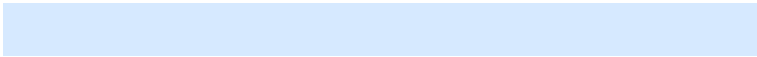


# Sweetspot

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



4284717012



4292274687



4284732575



4284969600



4278190080



4286611584

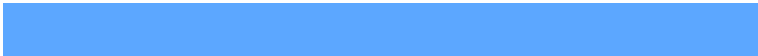


# Same Dimension

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



4284717012



4284262399



4284965844



4284507499



4278210475



4278195243



# Inverse Universe

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



4292109207



4294925479



4291875939



4285227109



4289396815

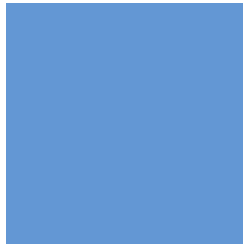


4281008148



# Previews

## White Background



This preview shows how the Android color 4284717012 looks on a white background.

## Color Contrast Check

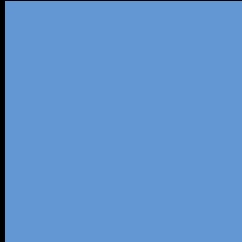
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284717012 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 × Fail

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



# Android 4284717012 Background



This preview shows how black text looks on a background with the Android color 4284717012.



This preview shows how white text looks on a background with the Android color 4284717012.

# 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 4284717012 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(99, 151, 212)` looks like.

```
.text, #text, p{  
    color:rgb(99, 151, 212)  
}
```

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(99, 151, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 151, 212) }
```

## Border

The CSS property to change the border of an element to Android 4284717012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

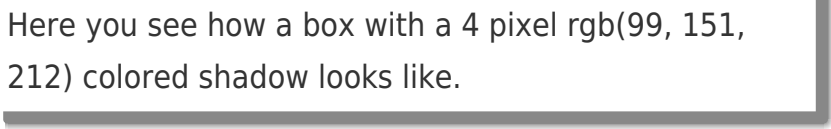
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 151, 212) }
```

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

```
.border{ border-color:rgb(99, 151, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 151, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 151, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 151, 212);  
box-shadow:4px 4px 4px 4px rgb(99, 151,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4284717012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 151, 212) }
```

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

```
.background{ background-color: rgb(99, 151,  
212) }
```

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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