

# Converting Colors

Android(4284132828)

Have a look what the booklet for  
Android(4284132828) contains.

<b>Android(4284132828)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4284132828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AADD C
RGB	90, 173, 220
RGB Percent	35%, 68%, 86%
CMY	0.6471, 0.3216, 0.1373
CMYK	0.59, 0.21, 0.00, 0.14
HSL	202°, 65%, 61%
HSV	202°, 59%, 86%
XYZ	32.0783, 37.2281, 73.2052
YIQ	153.5410, -64.5550, -2.9790

# Conversions

## Conversions Part 2

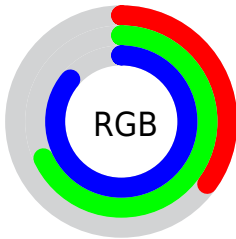
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 141, 220
Decimal	5942748
CIELab	67.45, -11.57, -31.33
CIELCh	67, 33.402, 249.733
Yxy	37.2281, 0.2251, 0.2612
Android (android.graphics.Color)	4284132828 (0xFF5AADDCC)
YUV	153.5410, 32.7643, -55.7255
Hunter-Lab	61.0148, -12.9304, -28.4253

# Details

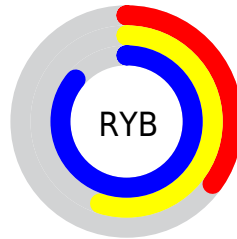
The Android color `4284132828` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4292643162`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4288079103`, and `4278679973` is the 20% darker color. If you saturate the color by 10%, you get `4282688988`, and if you desaturate by 10%, it is `4285576668`.

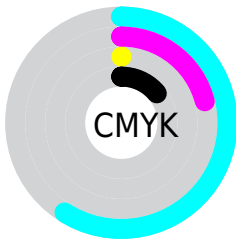
# Distribution



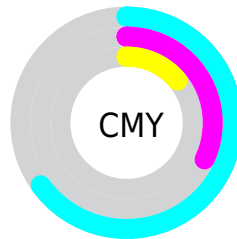
- Red (35%)
- Green (68%)
- Blue (86%)



- Red (35%)
- Yellow (55%)
- Blue (86%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (32%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284132828 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 4284132828 by changing the saturation by 10% instead.



 4284132828

 4284132828

4294967295

 4281963200

 4288079103

 4278679973

 4289986559

 4278214794

 4291952639

 4278208625

 4293918719

 4278202968

 4278197824

 4278190890

 4278190356

 4278190080

■ 4284132828

■ 4284132828

■ 4282688988

■ 4285576668

■ 4281245148

■ 4287020508

■ 4279801308

■ 4288464348

■ 4278357468

■ 4289908188

■ 4278226140

■ 4291352028

■ 4292795868

■ 4294239708

■ 4294962652

■ 4294964700

# Harmonies

## Analogous

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



4281906122



4284132828



4287276255

# Triad

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



4284132828



4292840859



4287540853

# Complementary

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



4284132828



4292643162

# 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.



4289701480



4284132828



4292645503

# Square

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



4284132828



4291989690



4291468140



4285182862

# Rectangle

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



4284132828



4289240536



4291468140



4288260975

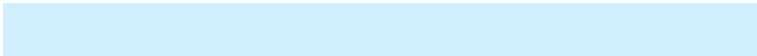


# Sweetspot

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



4284132828



4291948287



4284144776



4284708224



4278190080



4286611584



# Same Dimension

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



4284132828



4283088639



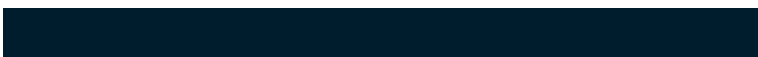
4284116444



4284705390



4278218669



4278197550



# Inverse Universe

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



4292631213



4294920894



4292659546



4285424490



4289527919



4281204765



# Previews

## White Background



This preview shows how the Android color 4284132828 looks on a white background.

## Color Contrast Check

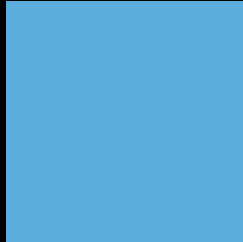
Large Text (above 18pt) WCAG AA × Fail

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 4284132828 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 4284132828 Background



This preview shows how black text looks on a background with the Android color 4284132828.



This preview shows how white text looks on a background with the Android color 4284132828.

# 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



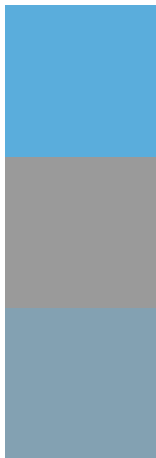
**Original Color**  
4284132828

**Protanomaly**  
4286621142

**Deuteranomaly**  
4286424542

**Tritanomaly**  
4283609290

# Monochromacy



**Original Color**  
4284132828

**Achromatopsia**  
4288322202

**Achromatomaly**  
4286816690

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284132828 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(90, 173, 220)` looks like.

```
.text, #text, p{  
    color:rgb(90, 173, 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(90, 173, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 173, 220) }
```

## Border

The CSS property to change the border of an element to Android 4284132828 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(90, 173, 220) }
```

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

```
.border{ border-color:rgb(90, 173, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 173, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 173, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 173, 220);  
box-shadow:4px 4px 4px 4px rgb(90, 173,  
220) }
```

# Background

The CSS property to change the background color of an element to Android 4284132828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 173, 220) }
```

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

```
.background{ background-color: rgb(90, 173,  
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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor