

# Converting Colors

Android(4285047532)

Have a look what the booklet for  
Android(4285047532) contains.

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# **Color**

**Android(4285047532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68A2EC
RGB	104, 162, 236
RGB Percent	41%, 64%, 93%
CMY	0.5922, 0.3647, 0.0745
CMYK	0.56, 0.31, 0.00, 0.07
HSL	214°, 78%, 67%
HSV	214°, 56%, 93%
XYZ	33.7696, 34.8398, 84.3018
YIQ	153.0940, -58.3220, 10.7180

# Conversions

## Conversions Part 2

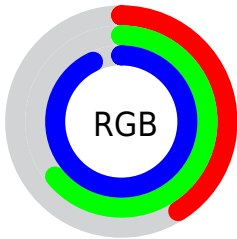
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 144, 236</a>
Decimal	<a href="#">6857452</a>
CIELab	<a href="#">65.62, 2.31, -42.92</a>
CIELCh	<a href="#">66, 42.980, 273.075</a>
Yxy	<a href="#">34.8398, 0.2208, 0.2278</a>
Android (android.graphics.Color)	<a href="#">4285047532</a> ( <a href="#">0xFF68A2EC</a> )
YUV	<a href="#">153.0940, 40.8727, -43.0554</a>
Hunter-Lab	<a href="#">59.0253, -1.1708, -43.3622</a>

# Details

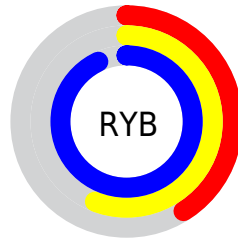
The Android color `4285047532` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293702248`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4288928255`, and `4280643508` is the 20% darker color. If you saturate the color by 10%, you get `4283471340`, and if you desaturate by 10%, it is `4286623724`.

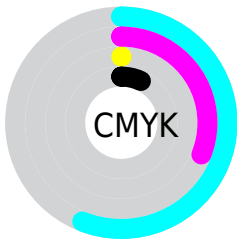
# Distribution



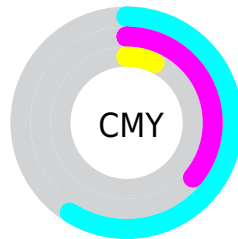
- Red (41%)
- Green (64%)
- Blue (93%)



- Red (41%)
- Yellow (56%)
- Blue (93%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



















- Cyan (59%)
- Magenta (36%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285047532 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 4285047532 by changing the saturation by 10% instead.



 4285047532	 4285047532
 4294967295	 4283009232
 4288928255	 4280643508
 4290835967	 4278212505
 4292804607	 4278206590
 4294770687	 4278200933
	 4278196045
	 4278191413
	 4278190623
	 4278190082

■ 4285047532

■ 4285047532

■ 4283471340

■ 4286623724

■ 4281960684

■ 4288134380

■ 4280384236

■ 4289710828

■ 4278873580

■ 4291221484

■ 4278216940

■ 4292797676

■ 4294373868

■ 4294967276

# Harmonies

## Analogous

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



4278234595



4285047532



4289238240

# Triad

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



4285047532



4293297527



4284133499

# Complementary

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



4285047532



4293702248

# 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.



4287342941



4285047532



4292055387

# Square

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



4285047532



4293361821



4289961553



4278236066

# Rectangle

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



4285047532



4291267278



4289961553



4285312880

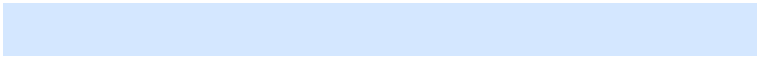


# Sweetspot

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



4285047532



4292143103



4285066417



4284903808



4278190080



4286611584



# Same Dimension

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



4285047532



4283736063



4285491436



4285165429



4278210741



4278196278



# Inverse Universe

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



4293683362



4294923423



4293258344



4285885039



4290052176

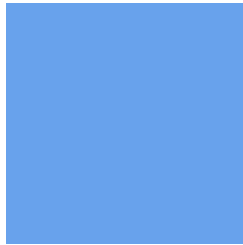


4281729048



# Previews

## White Background



This preview shows how the Android color 4285047532 looks on a white background.

## Color Contrast Check

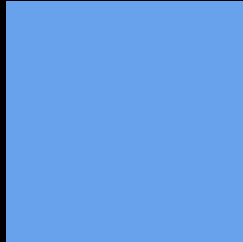
Large Text (above 18pt) WCAG AA × Fail

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 4285047532 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

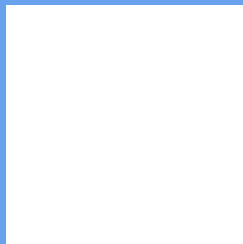
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285047532 Background



This preview shows how black text looks on a background with the Android color 4285047532.



This preview shows how white text looks on a background with the Android color 4285047532.

# 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 4285047532 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(104, 162, 236)` looks like.

```
.text, #text, p{  
    color:rgb(104, 162, 236)  
}
```

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(104, 162, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 162, 236) }
```

## Border

The CSS property to change the border of an element to Android 4285047532 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(104, 162, 236) }
```

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

```
.border{ border-color:rgb(104, 162, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 162, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 162, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 162, 236);  
box-shadow:4px 4px 4px 4px rgb(104, 162,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4285047532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 162, 236) }
```

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

```
.background{ background-color: rgb(104,  
162, 236) }
```

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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