

# Converting Colors

Android(4284450257)

Have a look what the booklet for  
Android(4284450257) contains.

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# Color

**Android(4284450257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F85D1
RGB	95, 133, 209
RGB Percent	37%, 52%, 82%
CMY	0.6275, 0.4784, 0.1804
CMYK	0.55, 0.36, 0.00, 0.18
HSL	220°, 55%, 60%
HSV	220°, 55%, 82%
XYZ	24.6155, 23.8114, 63.6203
YIQ	130.3020, -47.0440, 15.5800

# Conversions

## Conversions Part 2

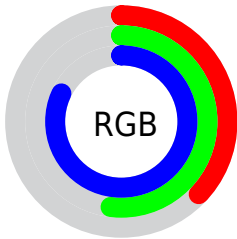
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 124, 209
Decimal	6260177
CIE Lab	55.90, 8.80, -43.24
CIE LCh	56, 44.126, 281.505
Yxy	23.8114, 0.2197, 0.2125
Android (android.graphics.Color)	4284450257 (0xFF5F85D1)
YUV	130.3020, 38.7981, -30.9599
Hunter-Lab	48.7969, 4.6492, -43.1431

# Details

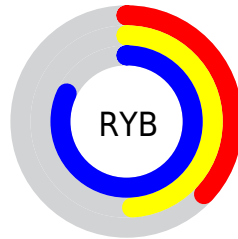
The Android color `4284450257` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4291930975`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4288199423`, and `4280243354` is the 20% darker color. If you saturate the color by 10%, you get `4283070417`, and if you desaturate by 10%, it is `4285830097`.

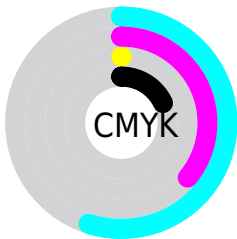
# Distribution



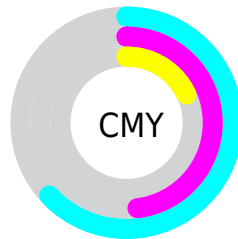
- Red (37%)
- Green (52%)
- Blue (82%)



- Red (37%)
- Yellow (49%)
- Blue (82%)



- Cyan (55%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)


















- Cyan (63%)
- Magenta (48%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284450257 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 4284450257 by changing the saturation by 10% instead.



 4284450257	 4284450257
4294967295	 4282477749
 4288199423	 4280243354
 4290106879	 4278205824
 4292014847	 4278200422
 4293984255	 4278195278
	 4278191414
	 4278190624
	 4278190084
	 4278190080

■ 4284450257

■ 4284450257

■ 4283070417

■ 4285830097

■ 4281690577

■ 4287209937

■ 4280310737

■ 4288589777

■ 4278930897

■ 4289969617

■ 4278208209

■ 4291349457

■ 4292663761

■ 4294043601

■ 4294964433

■ 4294967249

# Harmonies

## Analogous

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



4278227406



4284450257



4288444096

# Triad

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



4284450257



4291259733



4280653932

# Complementary

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



4284450257



4291930975

# 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.



4284781130



4284450257



4289755964

# Square

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



4284450257



4291716473



4287531319



4278229396

# Rectangle

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



4284450257



4290211243



4287531319



4282422880



# Sweetspot

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



4284450257



4292273407



4284469675



4284968832



4278190080



4286611584



# Same Dimension

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



4284450257



4284059903



4285685713



4284375657



4278204584



4278193705



# Inverse Universe

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



4291911557



4294924688



4290695519



4285095522



4289200184



4280877070



# Previews

## White Background



This preview shows how the Android color 4284450257 looks on a white background.

## Color Contrast Check

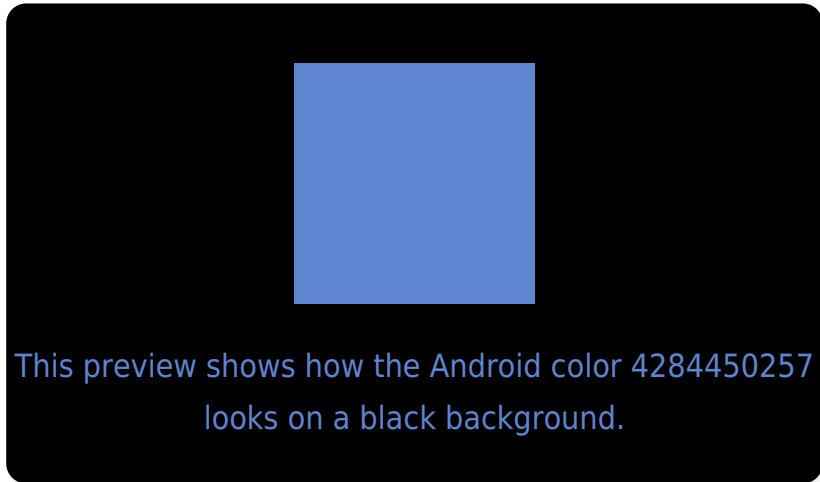
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4284450257 Background



This preview shows how black text looks on a background with the Android color 4284450257.

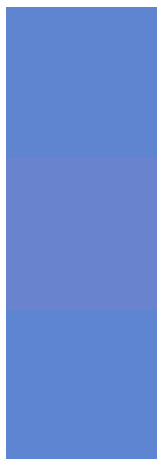


This preview shows how white text looks on a background with the Android color 4284450257.

# 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



**Original Color**

4284450257

**Protanopia**

4285170639

**Deuteranopia**

4284319185



# Trichromacy



**Original Color**  
4284450257

**Protanomaly**  
4284908752

**Deuteranomaly**  
4284384721

**Tritanomaly**  
4283600047

# Monochromacy



**Original Color**  
4284450257

**Achromatopsia**  
4286743170

**Achromatomaly**  
4285891487

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284450257 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(95, 133, 209)` looks like.

```
.text, #text, p{  
    color:rgb(95, 133, 209)  
}
```

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(95, 133, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 133, 209) }
```

## Border

The CSS property to change the border of an element to Android 4284450257 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(95, 133, 209) }
```

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

```
.border{ border-color:rgb(95, 133, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 133, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 133, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 133, 209);  
box-shadow:4px 4px 4px 4px rgb(95, 133,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4284450257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 133, 209) }
```

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

```
.background{ background-color: rgb(95, 133,  
209) }
```

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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