

# Converting Colors

Android(4284570022)

Have a look what the booklet for  
Android(4284570022) contains.

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# Color

**Android(4284570022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6159A6
RGB	97, 89, 166
RGB Percent	38%, 35%, 65%
CMY	0.6196, 0.6510, 0.3490
CMYK	0.42, 0.46, 0.00, 0.35
HSL	246°, 30%, 50%
HSV	246°, 46%, 65%
XYZ	15.3851, 12.4393, 37.6665
YIQ	100.1700, -19.9490, 25.6430

# Conversions

## Conversions Part 2

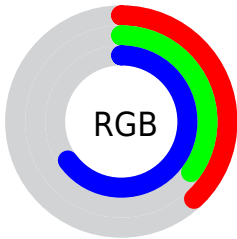
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 89, 166
Decimal	6379942
CIE <sub>Lab</sub>	41.91, 22.90, -40.56
CIE <sub>LCh</sub>	42, 46.578, 299.448
Yxy	12.4393, 0.2349, 0.1899
Android (android.graphics.Color)	4284570022 (0xFF6159A6)
YUV	100.1700, 32.4542, -2.7801
Hunter-Lab	35.2694, 16.1430, -38.6311

# Details

The Android color `4284570022` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4288587353`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4288121822`, and `4281084785` is the 20% darker color. If you saturate the color by 10%, you get `4283582630`, and if you desaturate by 10%, it is `4285557414`.

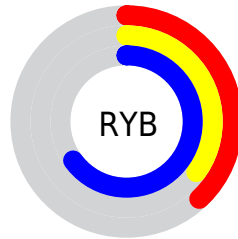
# Distribution



Red (38%)

Green (35%)

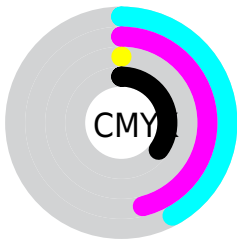
Blue (65%)



Red (38%)

Yellow (35%)

Blue (65%)

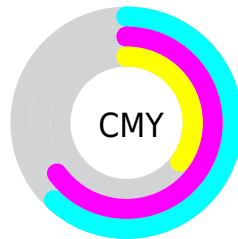


Cyan (42%)

Magenta (46%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (65%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284570022 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 4284570022 by changing the saturation by 10% instead.





4284570022



4284570022

4294967295



4282860171



4288121822



4281084785



4289963514



4278982488



4291805695



4278190145



4293713407



4278190890



4294965759



4278190356



4278190080



4284570022



4284570022



4283582630



4285557414

■ 4282595494

■ 4286544550

■ 4281608102

■ 4287531942

■ 4280620966

■ 4288519078

■ 4279699110

■ 4289440934

■ 4279304358

■ 4290428326

■ 4291415462

■ 4292402854

■ 4293389990

# Harmonies

## Analogous

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



4278216880



4284570022



4287645834

# Triad

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



4284570022



4287910431



4278220129

# Complementary

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



4284570022



4288587353

# 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.



4279267898



4284570022



4286013706

# Square

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



4284570022



4289086272



4283526169



4278220168

# Rectangle

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



4284570022



4288757874



4283526169



4278219860



# Sweetspot

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



4284570022



4290689753



4284063398



4284308334



4293783021



4285427310



# Same Dimension

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



4284570022



4285292505



4287060390



4283255892



4279173268



4278321172



# Inverse Universe

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



4289091998



4292435916



4286096985



4283714643



4287889541



4279500818



# Previews

## White Background



This preview shows how the Android color 4284570022 looks on a white background.

## Color Contrast Check

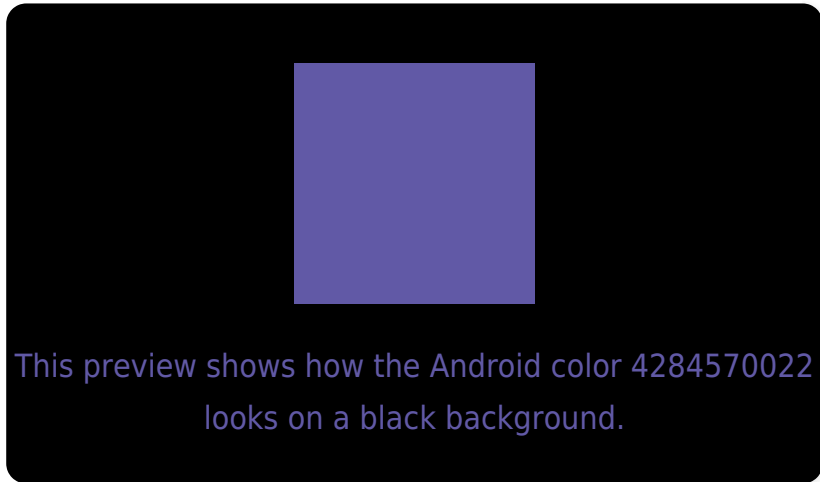
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4284570022 Background



This preview shows how black text looks on a background with the Android color 4284570022.



This preview shows how white text looks on a background with the Android color 4284570022.

# 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**  
4284570022

**Protanopia**  
4282409133

**Deuteranopia**  
4281885604



# Trichromacy



**Original Color**  
4284570022

**Protanomaly**  
4283194794

**Deuteranomaly**  
4282867621

**Tritanomaly**  
4283982210

# Monochromacy



**Original Color**  
4284570022

**Achromatopsia**  
4284769380

**Achromatomaly**  
4284702844

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284570022 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(97, 89, 166)` looks like.

```
.text, #text, p{  
    color:rgb(97, 89, 166)  
}
```

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(97, 89, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 89, 166) }
```

## Border

The CSS property to change the border of an element to Android 4284570022 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(97, 89, 166) }
```

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

```
.border{ border-color:rgb(97, 89, 166) }
```

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

Here you see how a box with a 4 pixel rgb(97, 89, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 89, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 89, 166);  
box-shadow:4px 4px 4px 4px rgb(97, 89,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4284570022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 89, 166) }
```

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

```
.background{ background-color: rgb(97, 89,  
166) }
```

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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