

# Converting Colors

Android(4284832222)

Have a look what the booklet for  
Android(4284832222) contains.

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# Color

**Android(4284832222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6559DE
RGB	101, 89, 222
RGB Percent	40%, 35%, 87%
CMY	0.6039, 0.6510, 0.1294
CMYK	0.55, 0.60, 0.00, 0.13
HSL	245°, 67%, 61%
HSV	245°, 60%, 87%
XYZ	22.1240, 15.1854, 70.8722
YIQ	107.7500, -35.5410, 43.9070

# Conversions

## Conversions Part 2

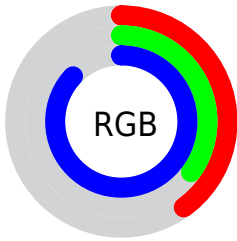
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 89, 222
Decimal	6642142
CIE <sub>Lab</sub>	45.89, 40.82, -66.63
CIE <sub>LCh</sub>	46, 78.135, 301.492
Yxy	15.1854, 0.2045, 0.1404
Android (android.graphics.Color)	4284832222 (0xFF6559DE)
YUV	107.7500, 56.3252, -5.9197
Hunter-Lab	38.9684, 33.1472, -80.5534

# Details

The Android color `4284832222` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted purple. A complement of this color would be `4292009561`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4288777471`, and `4280167078` is the 20% darker color. If you saturate the color by 10%, you get `4283515870`, and if you desaturate by 10%, it is `4286148574`.

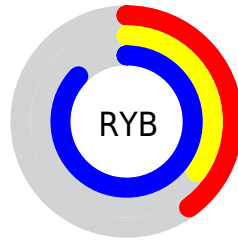
# Distribution



Red (40%)

Green (35%)

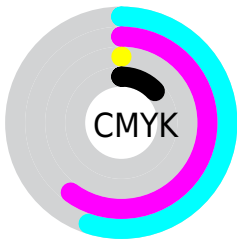
Blue (87%)



Red (40%)

Yellow (35%)

Blue (87%)

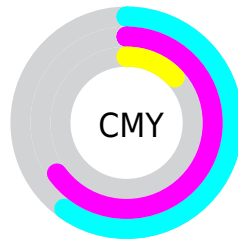


Cyan (55%)

Magenta (60%)

Yellow (0%)

Black (13%)



Cyan (60%)

Magenta (65%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284832222 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 4284832222 by changing the saturation by 10% instead.





4284832222



4284832222

4294967295



4282728898



4288777471



4280167078



4290684671



4278195595



4292657919



4278190704



4294696703



4278190167



4294966015



4278191679



4278190888



4278190353



4278190080

■ 4284832222

■ 4284832222

■ 4283515870

■ 4286148574

■ 4282199518

■ 4287464926

■ 4280817374

■ 4288847070

■ 4279501022

■ 4290163422

■ 4291479774

■ 4292796126

■ 4294112478

■ 4294967262

# Harmonies

## Analogous

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



4278220274



4284832222



4290390956

# Triad

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



4284832222



4290006784



4278224750

# Complementary

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



4284832222



4292009561

# 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.



4278223911



4284832222



4286737152

# Square

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



4284832222



4292091693



4282219520



4278224816

# Rectangle

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



4284832222



4292083842



4282219520



4278224471



# Sweetspot

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



4284832222



4292203007



4284077022



4284900224



4278190080



4286611584



# Same Dimension

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



4284832222



4283975679



4289157598



4284900720



4279238832



4278452272



# Inverse Universe

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



4292762066



4294920174



4287684185



4285556079



4289724576

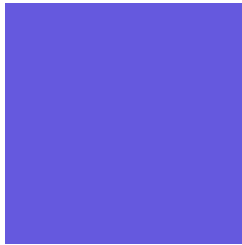


4281335852



# Previews

## White Background



This preview shows how the Android color 4284832222 looks on a white background.

## Color Contrast Check

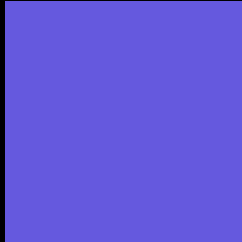
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284832222 looks on a 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 4284832222 Background



This preview shows how black text looks on a background with the Android color 4284832222.

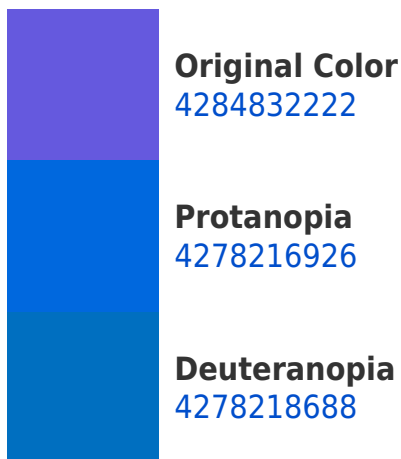


This preview shows how white text looks on a background with the Android color 4284832222.

# 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**

4284832222



**Protanomaly**

4280640478



**Deuteranomaly**

4280641483



**Tritanomaly**

4283394720

# Monochromacy



**Original Color**

4284832222



**Achromatopsia**

4285295724



**Achromatomaly**

4285097365

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284832222 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(101, 89, 222)` looks like.

```
.text, #text, p{  
    color:rgb(101, 89, 222)  
}
```

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(101, 89, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 89, 222) }
```

## Border

The CSS property to change the border of an element to Android 4284832222 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(101, 89, 222) }
```

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

```
.border{ border-color:rgb(101, 89, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 89, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 89, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 89, 222);  
box-shadow:4px 4px 4px 4px rgb(101, 89,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4284832222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 89, 222) }
```

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

```
.background{ background-color: rgb(101, 89,  
222) }
```

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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