

# Converting Colors

Android(4284373714)

Have a look what the booklet for  
Android(4284373714) contains.

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# Color

**Android(4284373714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E5AD2
RGB	94, 90, 210
RGB Percent	37%, 35%, 82%
CMY	0.6314, 0.6471, 0.1765
CMYK	0.55, 0.57, 0.00, 0.18
HSL	242°, 57%, 59%
HSV	242°, 57%, 82%
XYZ	19.9051, 14.3452, 62.6925
YIQ	104.8760, -36.1360, 38.1680

# Conversions

## Conversions Part 2

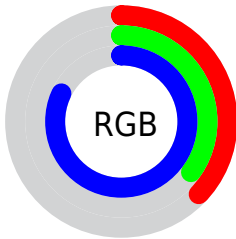
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 90, 210
Decimal	6183634
CIE <sub>Lab</sub>	44.72, 35.18, -61.69
CIE <sub>LCh</sub>	45, 71.017, 299.697
Yxy	14.3452, 0.2053, 0.1480
Android (android.graphics.Color)	4284373714 (0xFF5E5AD2)
YUV	104.8760, 51.8261, -9.5383
Hunter-Lab	37.8750, 27.5290, -71.6272

# Details

The Android color `4284373714` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted blue. A complement of this color would be `4291744346`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4288253183`, and `4279708826` is the 20% darker color. If you saturate the color by 10%, you get `4283057618`, and if you desaturate by 10%, it is `4285689810`.

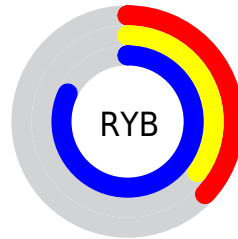
# Distribution



Red (37%)

Green (35%)

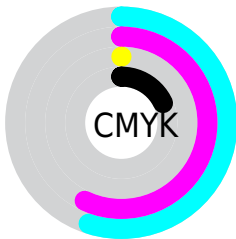
Blue (82%)



Red (37%)

Yellow (35%)

Blue (82%)

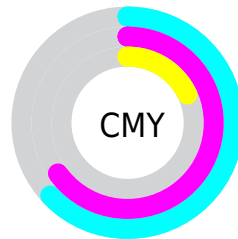


Cyan (55%)

Magenta (57%)

Yellow (0%)

Black (18%)



Cyan (63%)

Magenta (65%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284373714 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 4284373714 by changing the saturation by 10% instead.



 4284373714

 4284373714

4294967295

 4282335926

 4288253183

 4279708826

 4290160639

 4278196096

 4292133631

 4278190950

 4294106879

 4278190157

 4294966271

 4278191413

 4278190623

 4278190082


 4278190080

 4284373714

 4284373714

 4283057618

 4285689810

 4281675986

 4287071442


 4280359890

 4288387538

 4279043794

 4289703634

 4278649042

 4291019730

 4292401362

 4293717458

 4294967250

# Harmonies

## Analogous

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



4278219490



4284373714



4289607335

# Triad

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



4284373714



4289613312



4278223463

# Complementary

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



4284373714



4291744346

# 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.



4278222632



4284373714



4286670592

# Square

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



4284373714



4291438899



4282808064



4278223779

# Rectangle

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



4284373714



4291238273



4282808064



4278223443



# Sweetspot

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



4284373714



4292203775



4284141266



4284966528



4278190080



4286611584



# Same Dimension

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



4284373714



4283781119



4288305874



4284374633



4278583464



4278255657



# Inverse Universe

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



4291975886



4294922233



4287812186



4285095528



4289200291

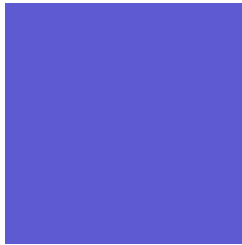


4280877095



# Previews

## White Background



This preview shows how the Android color 4284373714 looks on a white background.

## Color Contrast Check

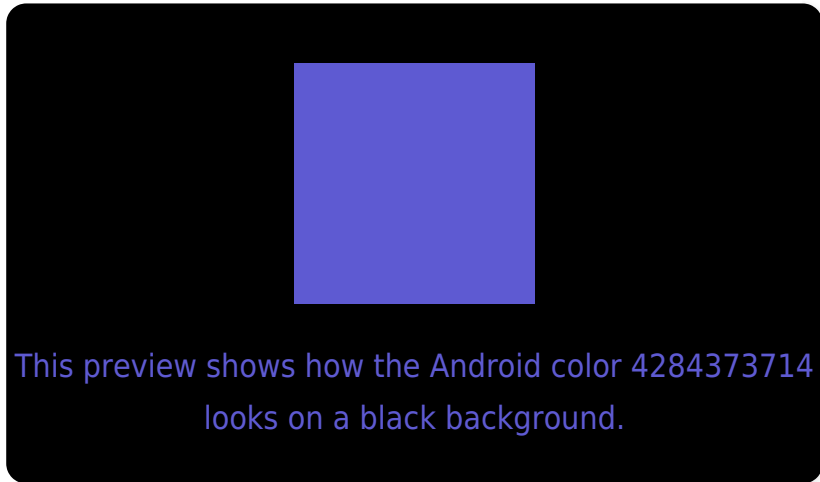
Large Text (above 18pt) WCAG AA ✓ Pass

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

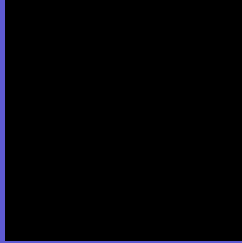
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284373714 Background



This preview shows how black text looks on a background with the Android color 4284373714.

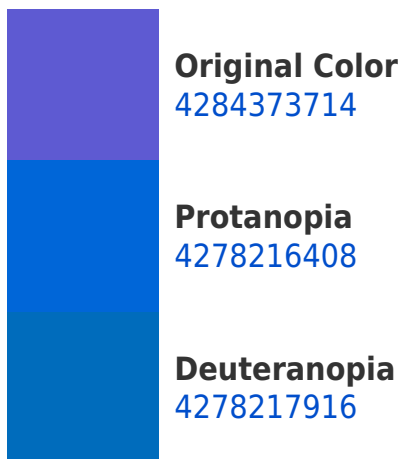


This preview shows how white text looks on a background with the Android color 4284373714.

# 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**

4284373714



**Protanomaly**

4280443606



**Deuteranomaly**

4280444356



**Tritanomaly**

4283066778

# Monochromacy



**Original Color**

4284373714



**Achromatopsia**

4285098345



**Achromatomaly**

4284834959

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284373714 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(94, 90, 210)` looks like.

```
.text, #text, p{  
    color:rgb(94, 90, 210)  
}
```

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(94, 90, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 90, 210) }
```

## Border

The CSS property to change the border of an element to Android 4284373714 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(94, 90, 210) }
```

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

```
.border{ border-color:rgb(94, 90, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 90, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 90, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 90, 210);  
box-shadow:4px 4px 4px 4px rgb(94, 90,  
210) }
```

# Background

The CSS property to change the background color of an element to Android 4284373714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 90, 210) }
```

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

```
.background{ background-color: rgb(94, 90,  
210) }
```

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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