

# Converting Colors

Android(4284760494)

Have a look what the booklet for  
Android(4284760494) contains.

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# Color

**Android(4284760494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6441AE
RGB	100, 65, 174
RGB Percent	39%, 25%, 68%
CMY	0.6078, 0.7451, 0.3176
CMYK	0.43, 0.63, 0.00, 0.32
HSL	259°, 46%, 47%
HSV	259°, 63%, 68%
XYZ	14.7858, 9.5459, 41.1076
YIQ	87.8910, -14.1290, 41.3190

# Conversions

## Conversions Part 2

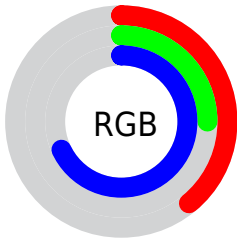
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 65, 174
Decimal	6570414
CIE <sub>Lab</sub>	37.01, 40.40, -53.14
CIE <sub>LCh</sub>	37, 66.756, 307.240
Yxy	9.5459, 0.2259, 0.1459
Android (android.graphics.Color)	4284760494 (0xFF6441AE)
<b>YUV</b>	87.8910, 42.4517, 10.6196
Hunter-Lab	30.8965, 31.3542, -57.2576

# Details

The Android color `4284760494` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4287344193`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4288443366`, and `4281012857` is the 20% darker color. If you saturate the color by 10%, you get `4283969710`, and if you desaturate by 10%, it is `4285551278`.

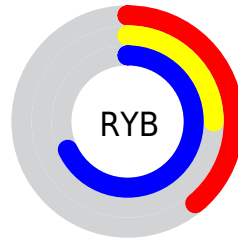
# Distribution



Red (39%)

Green (25%)

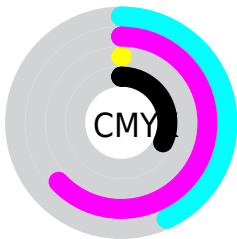
Blue (68%)



Red (39%)

Yellow (25%)

Blue (68%)

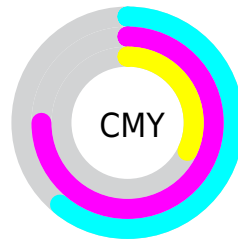


Cyan (43%)

Magenta (63%)

Yellow (0%)

Black (32%)



Cyan (61%)

Magenta (75%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284760494 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 4284760494 by changing the saturation by 10% instead.



 4284760494

 4284760494

4294967295

 4282919315

 4288443366

 4281012857

 4290285055

 4278386783

 4292192255

 4278190151

 4294099967

 4278191151

 4294959103

 4278190361

 4294966527

 4278190080

 4284760494

 4284760494

 4283969710

 4285551278

■ 4283178670

■ 4286342318

■ 4282453422

■ 4287067566

■ 4281860270

■ 4287858606

■ 4288649390

■ 4289440174

■ 4290231214

■ 4291021998

■ 4291747502

# Harmonies

## Analogous

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



4278213316



4284760494



4288616322

# Triad

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



4284760494



4287316992



4278218083

# Complementary

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



4284760494



4287344193

# 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.



4278217514



4284760494



4284504320

# Square

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



4284760494



4289274136



4280247552



4278218136

# Rectangle

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



4284760494



4289658975



4280247552



4278218064



# Sweetspot

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



4284760494



4291213539



4282485678



4284569715



4294111986



4285756275



# Same Dimension

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



4284760494



4285479395



4288299438



4283518551



4281335958



4278648855



# Inverse Universe

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



4289610123



4293081516



4283805249



4283911764



4288020582

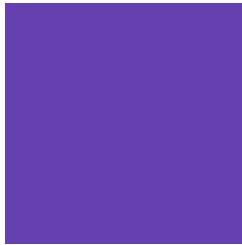


4279697424



# Previews

## White Background



This preview shows how the Android color 4284760494 looks on a white background.

## Color Contrast Check

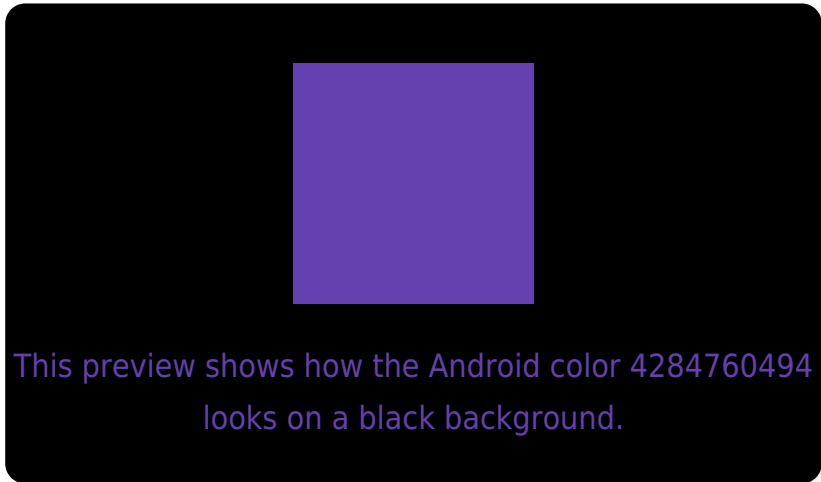
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



# Android 4284760494 Background



This preview shows how black text looks on a background with the Android color 4284760494.




This preview shows how white text looks on a background with the Android color 4284760494.

# 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





**Tritanopia**  
4283521119

# Trichromacy



**Original Color**

4284760494



**Protanomaly**

4280569265



**Deuteranomaly**

4280570018



**Tritanomaly**

4283977852

# Monochromacy



**Original Color**

4284760494



**Achromatopsia**

4283979864



**Achromatomaly**

4284239991

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284760494 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(100, 65, 174)` looks like.

```
.text, #text, p{  
    color:rgb(100, 65, 174)  
}
```

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(100, 65, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 65, 174) }
```

## Border

The CSS property to change the border of an element to Android 4284760494 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(100, 65, 174) }
```

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

```
.border{ border-color:rgb(100, 65, 174) }
```

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

Here you see how a box with a 4 pixel rgb(100, 65, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 65, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 65, 174);  
box-shadow:4px 4px 4px 4px rgb(100, 65,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4284760494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 65, 174) }
```

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

```
.background{ background-color: rgb(100, 65,  
174) }
```

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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