

# Converting Colors

Android(4284821966)

Have a look what the booklet for  
Android(4284821966) contains.

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# Color

**Android(4284821966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6531CE
RGB	101, 49, 206
RGB Percent	40%, 19%, 81%
CMY	0.6039, 0.8078, 0.1922
CMYK	0.51, 0.76, 0.00, 0.19
HSL	260°, 62%, 50%
HSV	260°, 76%, 81%
XYZ	17.6057, 9.4196, 59.2828
YIQ	82.4460, -19.4050, 59.8510

# Conversions

## Conversions Part 2

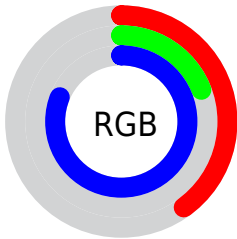
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 49, 206
Decimal	6631886
CIE <sub>Lab</sub>	36.78, 57.52, -72.31
CIE <sub>LCh</sub>	37, 92.400, 308.500
Yxy	9.4196, 0.2040, 0.1091
Android (android.graphics.Color)	4284821966 (0xFF6531CE)
YUV	82.4460, 60.9121, 16.2719
Hunter-Lab	30.6913, 48.6847, -93.0396

# Details

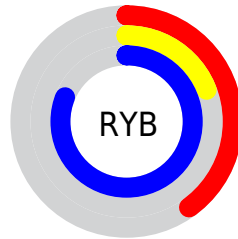
The Android color `4284821966` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted purple. A complement of this color would be `4288335409`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4288767487`, and `4280221846` is the 20% darker color. If you saturate the color by 10%, you get `4283899086`, and if you desaturate by 10%, it is `4285744846`.

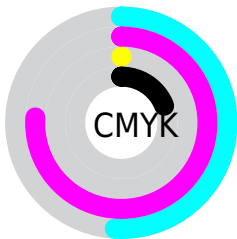
# Distribution



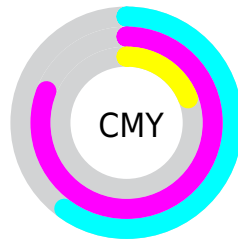
- Red (40%)
- Green (19%)
- Blue (81%)



- Red (40%)
- Yellow (19%)
- Blue (81%)



- Cyan (51%)
- Magenta (76%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (81%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284821966 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 4284821966 by changing the saturation by 10% instead.



 4284821966

 4284821966

4294967295

 4282717618

 4288767487

 4280221846

 4290740223

 4278190204

 4292713215

 4278190178

 4294686463

 4278192201

 4294955775

 4278191153

 4294963199

 4278190363

 4278190080

 4284821966

 4284821966

■ 4283899086

■ 4285744846

■ 4282976462

■ 4286667470

■ 4282646734

■ 4287524814

■ 4288447438

■ 4289370318

■ 4290293198

■ 4291150286

■ 4292073166

■ 4292995790

# Harmonies

## Analogous

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



4278213871



4284821966



4290248847

# Triad

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



4284821966



4287904768



4278219115

# Complementary

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



4284821966



4288335409

# 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.



4278218263



4284821966



4283915008

# Square

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



4284821966



4290641920



4278216960



4278219444

# Rectangle

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



4284821966



4291559518



4278216960



4278218833



# Sweetspot

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



4284821966



4292396287



4281441486



4285029504



4278190080



4286611584



# Same Dimension

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



4284821966



4284749823



4289802702



4284439654



4281794726



4279042086



# Inverse Universe

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



4291703194



4294907826



4283354673



4284898403



4289069167

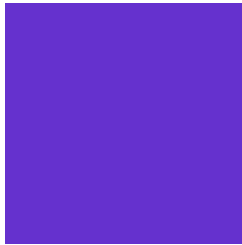


4280680474



# Previews

## White Background



This preview shows how the Android color 4284821966 looks on a white background.

## Color Contrast Check

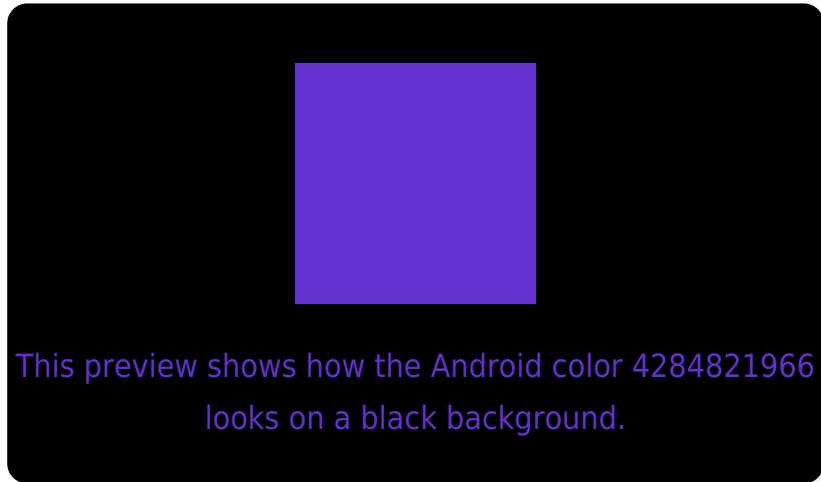
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284821966 Background



This preview shows how black text looks on a background with the Android color 4284821966.



This preview shows how white text looks on a background with the Android color 4284821966.

# 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**  
4284821966

**Protanopia**  
4278211760

**Deuteranopia**  
4278213015



# Trichromacy



**Original Color**

4284821966



**Protanomaly**

4280633275



**Deuteranomaly**

4280634027



**Tritanomaly**

4283517833

# Monochromacy



**Original Color**

4284821966



**Achromatopsia**

4283585106



**Achromatomaly**

4284040831

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284821966 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, 49, 206)` looks like.

```
.text, #text, p{  
    color:rgb(101, 49, 206)  
}
```

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, 49, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 49, 206) }
```

## Border

The CSS property to change the border of an element to Android 4284821966 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, 49, 206) }
```

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

```
.border{ border-color:rgb(101, 49, 206) }
```

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

Here you see how a box with a 4 pixel rgb(101, 49, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 49, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 49, 206);  
box-shadow:4px 4px 4px 4px rgb(101, 49,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4284821966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 49, 206) }
```

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

```
.background{ background-color: rgb(101, 49,  
206) }
```

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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