

# Converting Colors

Android(4284219575)

Have a look what the booklet for  
Android(4284219575) contains.

<b>Android(4284219575)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4284219575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C00B7
RGB	92, 0, 183
RGB Percent	36%, 0%, 72%
CMY	0.6392, 1.0000, 0.2824
CMYK	0.50, 1.00, 0.00, 0.28
HSL	270°, 100%, 36%
HSV	270°, 100%, 72%
XYZ	12.9609, 5.6942, 45.2157
YIQ	48.3700, -3.9110, 76.4170

# Conversions

## Conversions Part 2

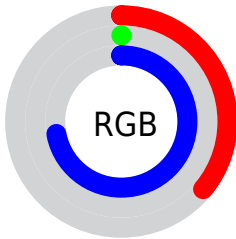
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 0, 183
Decimal	6029495
CIELab	28.63, 65.00, -72.27
CIElCh	29, 97.198, 311.967
Yxy	5.6942, 0.2029, 0.0892
Android (android.graphics.Color)	4284219575 (0xFF5C00B7)
YUV	48.3700, 66.3726, 38.2635
Hunter-Lab	23.8625, 55.1924, -95.6414

# Details

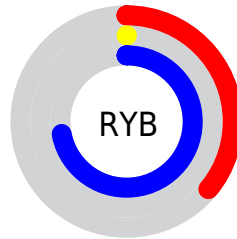
The Android color **4284219575** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **4284200704**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4288169712**, and **4279435392** is the 20% darker color. If you saturate the color by 10%, you get **4284219575**, and if you desaturate by 10%, it is **4284814007**.

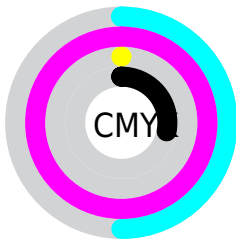
# Distribution



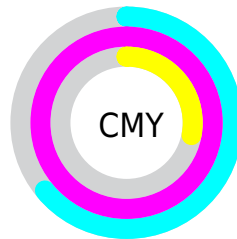
- Red (36%)
- Green (0%)
- Blue (72%)



- Red (36%)
- Yellow (0%)
- Blue (72%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (100%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284219575 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 4284219575 by changing the saturation by 10% instead.





4284219575



4284219575

4294967295



4282122395



4288169712



4279435392



4290077183



4278190182



4292050175



4278190157



4294088959



4278191413



4294948095



4278190623



4294955263



4278190082



4294962943



4278190080



4284219575

■ 4284814007

■ 4285408695

■ 4286003127

■ 4286597559

■ 4287192247

■ 4287852215

■ 4288446647

■ 4289041079

■ 4289635767

# Harmonies

## Analogous

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



4278208733



4284219575



4289265780

# Triad

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



4284219575



4286000384



4278213473

# Complementary

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



4284219575



4284200704

# 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.



4278212876



4284219575



4281813504

# Square

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



4284219575



4288937984



4278211840



4278214058

# Rectangle

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



4284219575



4290314307



4278211840



4278213447



# Sweetspot

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



4284219575



4291471085



4278213815



4284632440



4294440951



4286085240



# Same Dimension

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



4284219575



4285989101



4290183351



4283913052



4283302044



4279107612



# Inverse Universe

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



4290183259



4293722230



4278236928



4284240727



4288413773

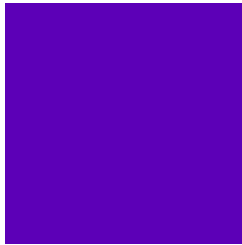


4280025102



# Previews

## White Background



This preview shows how the Android color 4284219575 looks on a white background.

## Color Contrast Check

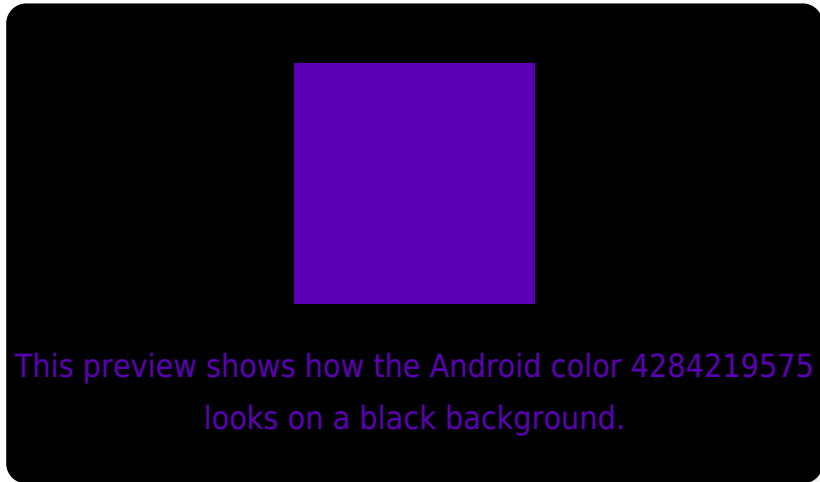
Large Text (above 18pt) WCAG AA ✓ Pass

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

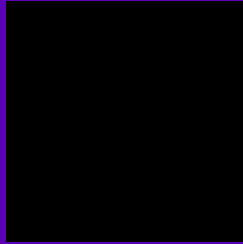
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284219575 Background



This preview shows how black text looks on a background with the Android color 4284219575.



This preview shows how white text looks on a background with the Android color 4284219575.

# 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**  
4284219575

**Protanopia**  
4278207630

**Deuteranopia**  
4278208634



# Trichromacy



**Original Color**  
4284219575

**Protanomaly**  
4280363933

**Deuteranomaly**  
4280364688

**Tritanomaly**  
4282985844

# Monochromacy



**Original Color**  
4284219575

**Achromatopsia**  
4281348144

**Achromatomaly**  
4282392417

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284219575 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(92, 0, 183)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 183)  
}
```

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(92, 0, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 183) }
```

## Border

The CSS property to change the border of an element to Android 4284219575 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(92, 0, 183) }
```

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

```
.border{ border-color:rgb(92, 0, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 0, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 0, 183);  
box-shadow:4px 4px 4px 4px rgb(92, 0, 183)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284219575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 183) }
```

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

```
.background{ background-color: rgb(92, 0,  
183) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**