

# Converting Colors

Android(4284285093)

Have a look what the booklet for  
Android(4284285093) contains.

<b>Android(4284285093)</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(4284285093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D00A5
RGB	93, 0, 165
RGB Percent	36%, 0%, 65%
CMY	0.6353, 1.0000, 0.3529
CMYK	0.44, 1.00, 0.00, 0.35
HSL	274°, 100%, 32%
HSV	274°, 100%, 65%
XYZ	11.3057, 5.0438, 35.9750
YIQ	46.6170, 2.4630, 71.0310

# Conversions

## Conversions Part 2

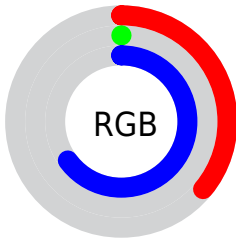
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 0, 165
Decimal	6095013
CIELab	26.86, 61.16, -64.37
CIELCh	27, 88.793, 313.536
Yxy	5.0438, 0.2161, 0.0964
Android (android.graphics.Color)	4284285093 (0xFF5D00A5)
YUV	46.6170, 58.3628, 40.6779
Hunter-Lab	22.4583, 50.5564, -79.2531

# Details

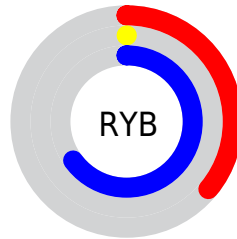
The Android color **4284285093** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4282950912**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4288103645**, and **4280156272** is the 20% darker color. If you saturate the color by 10%, you get **4284285093**, and if you desaturate by 10%, it is **4284747941**.

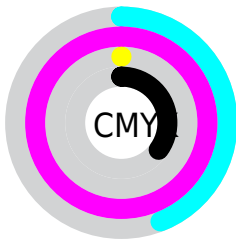
# Distribution



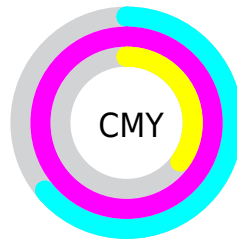
- Red (36%)
- Green (0%)
- Blue (65%)



- Red (36%)
- Yellow (0%)
- Blue (65%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (100%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284285093 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 4284285093 by changing the saturation by 10% instead.



 4284285093

 4284285093

4294967295


 4282318986

 4288103645

 4280156272

 4290011130

 4278190166

 4291918591

 4278190910

 4293891583

 4278190887

 4294947327

 4278190352

 4294954751

 4278190080

 4294962175

 4284285093

■ 4284747941

■ 4285211045

■ 4285739685

■ 4286202533

■ 4286665381

■ 4287128485

■ 4287591333

■ 4288119973

■ 4288582821

# Harmonies

## Analogous

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



4278207177



4284285093



4288544872

# Triad

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



4284285093



4285279488



4278212190

# Complementary

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



4284285093



4282950912

# 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.



4278211604



4284285093



4281419520

# Square

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



4284285093



4288020480



4278210560



4278212511

# Rectangle

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



4284285093



4289331259



4278210560



4278211910



# Sweetspot

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



4284285093



4290418390



4278209189



4284106091



4293651435



4285229931



# Same Dimension

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



4284285093



4286120150



4289003677



4283320658



4283564177



4278845458



# Inverse Universe

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



4289003592



4292214877



4278232328



4283582797



4287692863

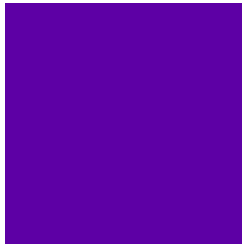


4279369736



# Previews

## White Background



This preview shows how the Android color 4284285093 looks on a white background.

## Color Contrast Check

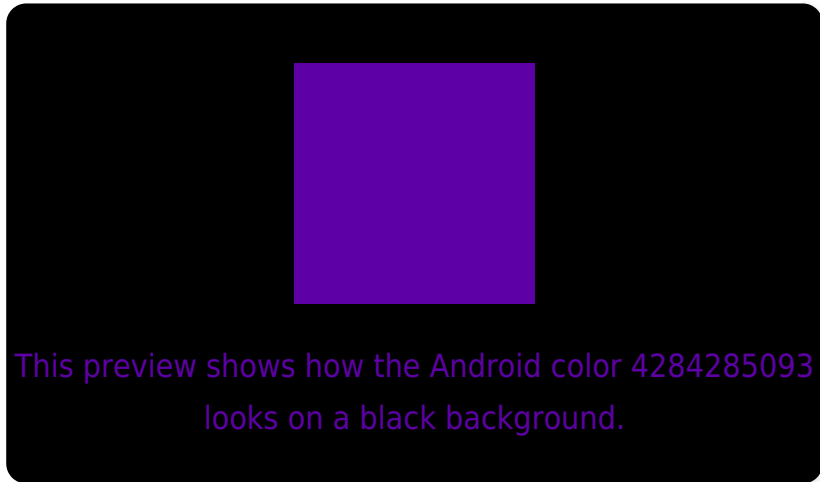
Large Text (above 18pt) WCAG AA ✓ Pass

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

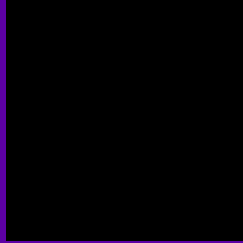
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284285093 Background



This preview shows how black text looks on a background with the Android color 4284285093.



This preview shows how white text looks on a background with the Android color 4284285093.

# 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**

4284285093

**Protanopia**

4278206599

**Deuteranopia**

4278207604



# Trichromacy



**Original Color**  
4284285093

**Protanomaly**  
4280428946

**Deuteranomaly**  
4280429446

**Tritanomaly**  
4283378024

# Monochromacy



**Original Color**  
4284285093

**Achromatopsia**  
4281282351

**Achromatomaly**  
4282392154

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284285093 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(93, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(93, 0, 165)  
}
```

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(93, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 0, 165) }
```

## Border

The CSS property to change the border of an element to Android 4284285093 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(93, 0, 165) }
```

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

```
.border{ border-color:rgb(93, 0, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 0, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(93, 0, 165)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284285093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 0, 165) }
```

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

```
.background{ background-color: rgb(93, 0,  
165) }
```

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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