

# Converting Colors

Android(4283453075)

Have a look what the booklet for  
Android(4283453075) contains.

<b>Android(4283453075)</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(4283453075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	504E93
RGB	80, 78, 147
RGB Percent	31%, 31%, 58%
CMY	0.6863, 0.6941, 0.4235
CMYK	0.46, 0.47, 0.00, 0.42
HSL	242°, 31%, 44%
HSV	242°, 47%, 58%
XYZ	11.2991, 9.2608, 28.7958
YIQ	86.4640, -20.9570, 21.8830

# Conversions

## Conversions Part 2

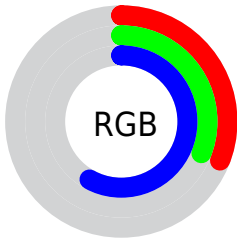
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 78, 147
Decimal	5262995
CIE <sub>Lab</sub>	36.48, 19.64, -37.89
CIE <sub>LCh</sub>	36, 42.677, 297.395
Yxy	9.2608, 0.2289, 0.1876
Android (android.graphics.Color)	4283453075 (0xFF504E93)
YUV	86.4640, 29.8442, -5.6689
Hunter-Lab	30.4316, 13.0209, -34.8007

# Details

The Android color **4283453075** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **4287730510**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4286939081**, and **4279902816** is the 20% darker color. If you saturate the color by 10%, you get **4282531731**, and if you desaturate by 10%, it is **4284374419**.

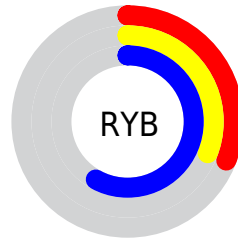
# Distribution



Red (31%)

Green (31%)

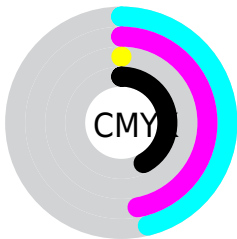
Blue (58%)



Red (31%)

Yellow (31%)

Blue (58%)

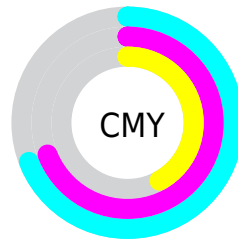


Cyan (46%)

Magenta (47%)

Yellow (0%)

Black (42%)



Cyan (69%)

Magenta (69%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283453075 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 4283453075 by changing the saturation by 10% instead.





4283453075



4283453075

4294967295



4281743225



4286939081



4279902816



4288715238



4278193736



4290557183



4278190129



4292399103



4278190363



4294306815



4278190080



4283453075



4283453075



4282531731



4284374419



4281545107



4285361043

■ 4280623763

■ 4286282387

■ 4279702419

■ 4287203731

■ 4278781331

■ 4288125075

■ 4278452371

■ 4289111699

■ 4290033043

■ 4290954387

■ 4291875475

# Harmonies

## Analogous

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



4278213530



4283453075



4286332795

# Triad

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



4283453075



4286793243



4278216274

# Complementary

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



4283453075



4287730510

# 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.



4279460655



4283453075



4285158150

# Square

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



4283453075



4287772728



4282932497



4278216308

# Rectangle

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



4283453075



4287379302



4282932497



4278216006



# Sweetspot

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



4283453075



4289045695



4283339411



4283519073



4292927712



4284572001



# Same Dimension

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



4283453075



4283913407



4285681299



4282598218



4278452362



4278190090



# Inverse Universe

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



4287843985



4290729148



4285502286



4283056970



4287234182

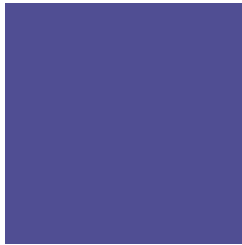


4278845450



# Previews

## White Background



This preview shows how the Android color 4283453075 looks on a white background.

## Color Contrast Check

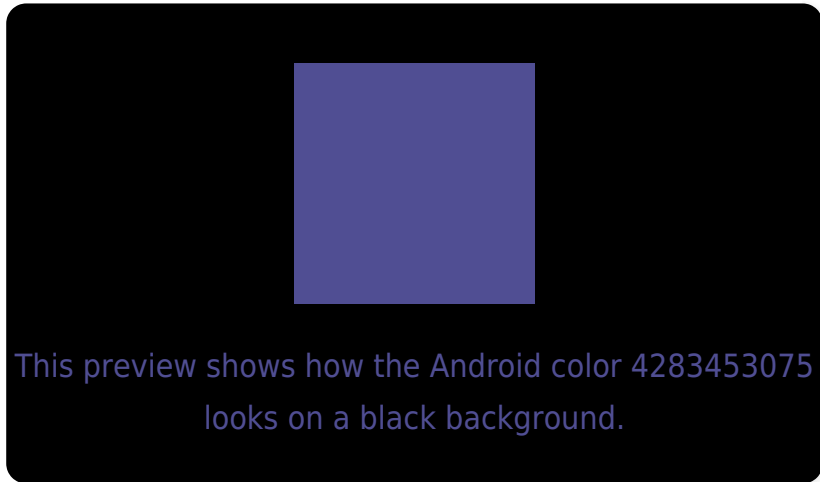
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283453075 Background



This preview shows how black text looks on a background with the Android color 4283453075.



This preview shows how white text looks on a background with the Android color 4283453075.

# 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**  
4283453075

**Protanopia**  
4281685144

**Deuteranopia**  
4281096081



# Trichromacy



**Original Color**  
4283453075

**Protanomaly**  
4282339990

**Deuteranomaly**  
4281947282

**Tritanomaly**  
4282865267

# Monochromacy



**Original Color**  
4283453075

**Achromatopsia**  
4283848278

**Achromatomaly**  
4283716460

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283453075 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(80, 78, 147)` looks like.

```
.text, #text, p{  
    color:rgb(80, 78, 147)  
}
```

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(80, 78, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 78, 147) }
```

## Border

The CSS property to change the border of an element to Android 4283453075 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(80, 78, 147) }
```

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

```
.border{ border-color:rgb(80, 78, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 78, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 78, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 78, 147);  
box-shadow:4px 4px 4px 4px rgb(80, 78,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4283453075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 78, 147) }
```

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

```
.background{ background-color: rgb(80, 78,  
147) }
```

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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