

# Converting Colors

Android(4284818013)

Have a look what the booklet for  
Android(4284818013) contains.

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**Color**

**Android(4284818013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65225D
RGB	101, 34, 93
RGB Percent	40%, 13%, 36%
CMY	0.6039, 0.8667, 0.6353
CMYK	0.00, 0.66, 0.08, 0.60
HSL	307°, 50%, 26%
HSV	307°, 66%, 40%
XYZ	7.9146, 4.7011, 10.8462
YIQ	60.7590, 20.9930, 32.5530

# Conversions

## Conversions Part 2

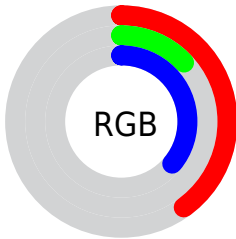
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 34, 93
Decimal	6627933
CIE <sub>Lab</sub>	25.87, 37.89, -20.53
CIE <sub>LCh</sub>	26, 43.090, 331.547
Yxy	4.7011, 0.3373, 0.2004
Android (android.graphics.Color)	4284818013 (0xFF65225D)
YUV	60.7590, 15.8948, 35.2914
Hunter-Lab	21.6820, 27.2151, -14.4819

# Details

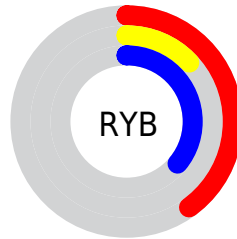
The Android color **4284818013** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4280444202**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4288304272**, and **4281532463** is the 20% darker color. If you saturate the color by 10%, you get **4284815452**, and if you desaturate by 10%, it is **4284820574**.

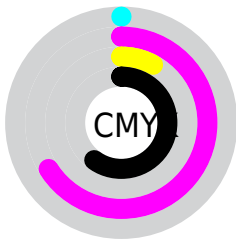
# Distribution



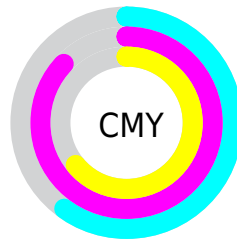
- Red (40%)
- Green (13%)
- Blue (36%)



- Red (40%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (8%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284818013 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 4284818013 by changing the saturation by 10% instead.



 4284818013

 4284818013

4294967295


 4283172165

 4288304272

 4281532463

 4290145706

 4279959578

 4291987398

 4278190080

 4293894882

 4294950654

 4294957823

 4294965247

 4284818013

 4284818013

■ 4284815452

■ 4284820574

■ 4284812891

■ 4284823135

■ 4284810329

■ 4284825697

■ 4284809305

■ 4284828258

■ 4284831075

■ 4284833636

■ 4284836197

■ 4284838759

■ 4284841320

# Harmonies

## Analogous

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



4282201206



4284818013



4285863485

# Triad

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



4284818013



4283055104



4278209375

# Complementary

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



4284818013



4280444202

# 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.



4278209342



4284818013



4280894720

# Square

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



4284818013



4284690176



4278209052



4278208631

# Rectangle

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



4284818013



4285930023



4278209052



4278209620



# Sweetspot

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



4284818013



4286736511



4280951397



4282528320



4290953922



4282532418



# Same Dimension

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



4284818013



4286716534



4284817980



4281544242



4285726821



4294050005



# Inverse Universe

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



4284818013



4286716534



4280444235



4281544242



4285726821

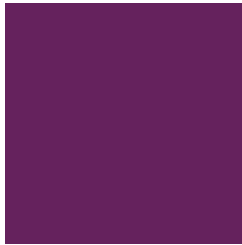


4294050005



# Previews

## White Background



This preview shows how the Android color 4284818013 looks on a white background.

## Color Contrast Check

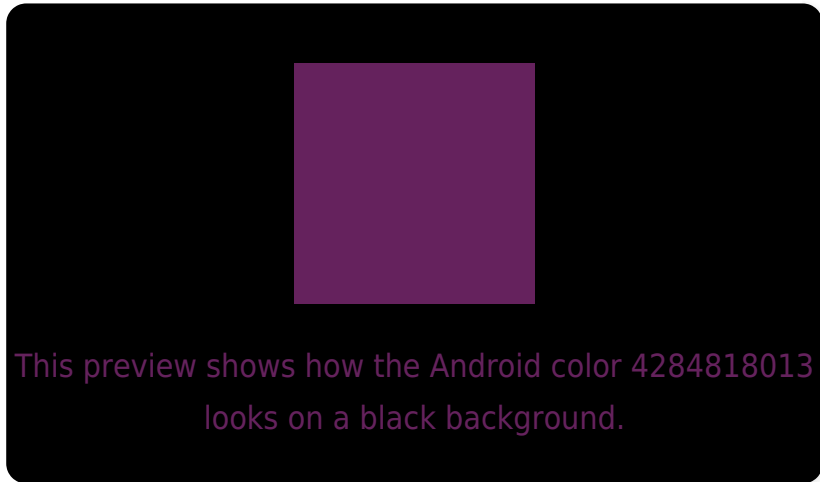
Large Text (above 18pt) WCAG AA ✓ Pass

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

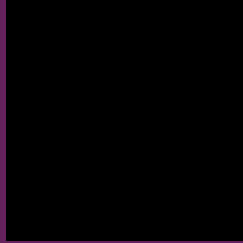
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284818013 Background



This preview shows how black text looks on a background with the Android color 4284818013.

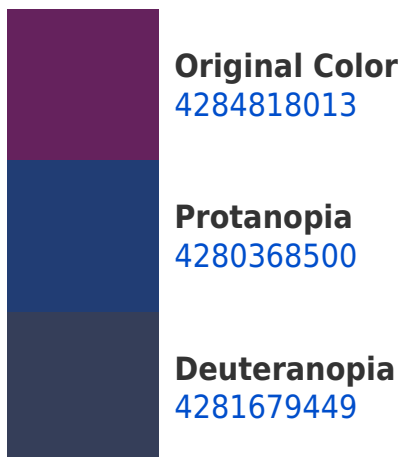


This preview shows how white text looks on a background with the Android color 4284818013.

# 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





# Trichromacy



**Original Color**  
4284818013

**Protanomaly**  
4282004332

**Deuteranomaly**  
4282791002

**Tritanomaly**  
4284623426

# Monochromacy



**Original Color**  
4284818013

**Achromatopsia**  
4282203453

**Achromatomaly**  
4283183945

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284818013 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, 34, 93)` looks like.

```
.text, #text, p{  
    color:rgb(101, 34, 93)  
}
```

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, 34, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 34, 93) }
```

## Border

The CSS property to change the border of an element to Android 4284818013 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, 34, 93) }
```

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

```
.border{ border-color:rgb(101, 34, 93) }
```

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

Here you see how a box with a 4 pixel rgb(101, 34, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 34, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 34, 93);  
box-shadow:4px 4px 4px 4px rgb(101, 34,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4284818013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 34, 93) }
```

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

```
.background{ background-color: rgb(101, 34,  
93) }
```

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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