

# Converting Colors

Android(4283766082)

Have a look what the booklet for  
Android(4283766082) contains.

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# Color

**Android(4283766082)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	551542
RGB	85, 21, 66
RGB Percent	33%, 8%, 26%
CMY	0.6667, 0.9176, 0.7412
CMYK	0.00, 0.75, 0.22, 0.67
HSL	318°, 60%, 21%
HSV	318°, 75%, 33%
XYZ	4.9978, 2.8610, 5.4431
YIQ	45.2660, 23.6990, 27.5630

# Conversions

## Conversions Part 2

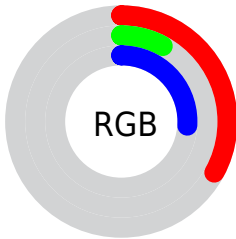
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 21, 66
Decimal	5576002
CIELab	19.48, 34.40, -12.51
CIELCh	19, 36.600, 340.019
Yxy	2.8610, 0.3757, 0.2151
Android (android.graphics.Color)	4283766082 (0xFF551542)
YUV	45.2660, 10.2219, 34.8467
Hunter-Lab	16.9144, 23.1427, -7.2395

# Details

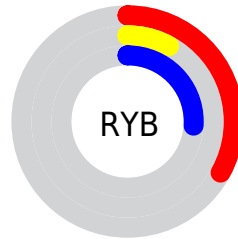
The Android color **4283766082** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4279588136**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4287186546**, and **4280811544** is the 20% darker color. If you saturate the color by 10%, you get **4283763775**, and if you desaturate by 10%, it is **4283768133**.

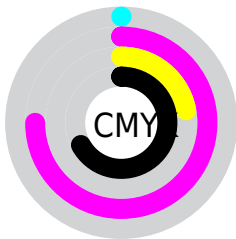
# Distribution



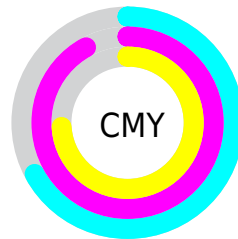
- Red (33%)
- Green (8%)
- Blue (26%)



- Red (33%)
- Yellow (8%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (22%)
- Black (67%)



- Cyan (67%)
- Magenta (92%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283766082 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 4283766082 by changing the saturation by 10% instead.





4283766082



4283766082

4294967295



4282122284



4287186546



4280811544



4288962444



4278190080



4290804134



4292645825



4294553309



4294953722



4294960895



4283766082



4283766082

■ 4283763775

■ 4283768133

■ 4283761725

■ 4283770439

■ 4283760700

■ 4283772746

■ 4283774796

■ 4283776847

■ 4283779153

■ 4283781204

■ 4283783510

■ 4283785561

# Harmonies

## Analogous

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



4282065752



4283766082



4284354343

# Triad

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



4283766082



4281544960



4278205009

# Complementary

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



4283766082



4279588136

# 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.



4278205240



4283766082



4279580416

# Square

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



4283766082



4283049728



4278204956



4278204258

# Rectangle

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



4283766082



4284159254



4278204956



4278205257



# Sweetspot

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



4283766082



4285420646



4280751445



4281870387



4290295992



4281874488



# Same Dimension

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



4283766082



4285401936



4283766051



4281018154



4285202507



4293591205



# Inverse Universe

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



4283766082



4285401936



4279588167



4281018154



4285202507

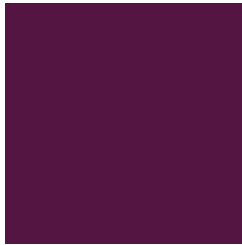


4293591205



# Previews

## White Background



This preview shows how the Android color 4283766082 looks on a white background.

## Color Contrast Check

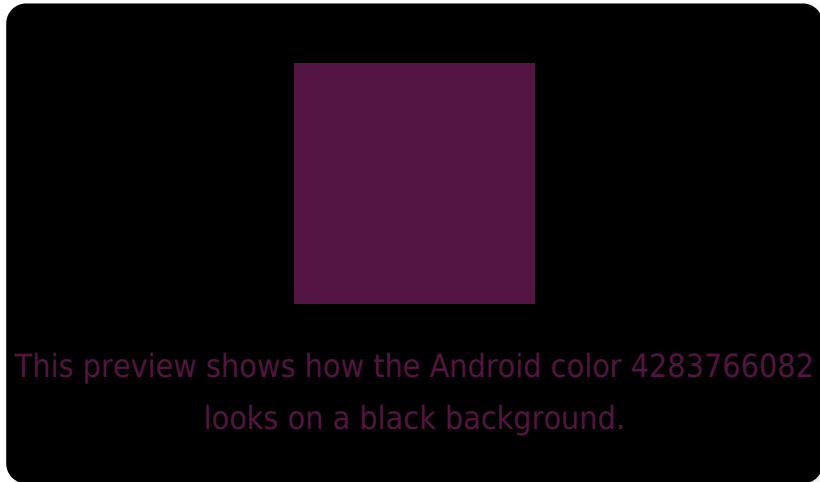
Large Text (above 18pt) WCAG AA ✓ Pass

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

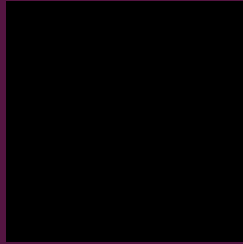
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283766082 Background



This preview shows how black text looks on a background with the Android color 4283766082.



This preview shows how white text looks on a background with the Android color 4283766082.

# 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**

4283766082

**Protanopia**

4280168535

**Deuteranopia**

4281217086



# Trichromacy



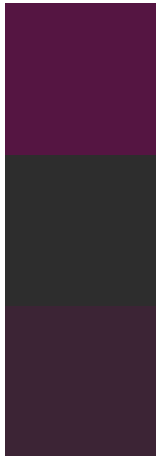
**Original Color**  
4283766082

**Protanomaly**  
4281476687

**Deuteranomaly**  
4282132031

**Tritanomaly**  
4283636781

# Monochromacy



**Original Color**  
4283766082

**Achromatopsia**  
4281150765

**Achromatomaly**  
4282131509

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283766082 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(85, 21, 66)` looks like.

```
.text, #text, p{  
    color:rgb(85, 21, 66)  
}
```

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(85, 21, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 21, 66) }
```

## Border

The CSS property to change the border of an element to Android 4283766082 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(85, 21, 66) }
```

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

```
.border{ border-color:rgb(85, 21, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 21, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 21, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 21, 66);  
box-shadow:4px 4px 4px 4px rgb(85, 21, 66)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283766082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 21, 66) }
```

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

```
.background{ background-color: rgb(85, 21,  
66) }
```

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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