

# Converting Colors

Android(4281668450)

Have a look what the booklet for  
Android(4281668450) contains.

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# Color

**Android(4281668450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	351362
RGB	53, 19, 98
RGB Percent	21%, 7%, 38%
CMY	0.7922, 0.9255, 0.6157
CMYK	0.46, 0.81, 0.00, 0.62
HSL	266°, 68%, 23%
HSV	266°, 81%, 38%
XYZ	3.9057, 2.1045, 11.7556
YIQ	38.1720, -5.0950, 31.7770

# Conversions

## Conversions Part 2

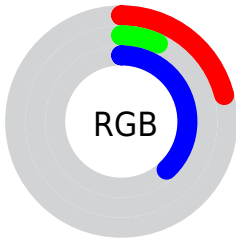
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	53, 19, 98
Decimal	3478370
CIE Lab	16.03, 34.50, -40.02
CIE LCh	16, 52.832, 310.763
Yxy	2.1045, 0.2198, 0.1185
Android (android.graphics.Color)	4281668450 (0xFF351362)
YUV	38.1720, 29.4952, 13.0042
Hunter-Lab	14.5068, 22.6708, -37.8911

# Details

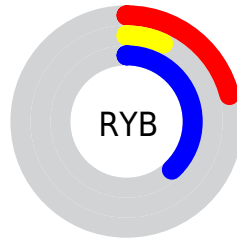
The Android color **4281668450** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282409491**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4285088406**, and **4278190130** is the 20% darker color. If you saturate the color by 10%, you get **4281272674**, and if you desaturate by 10%, it is **4282064226**.

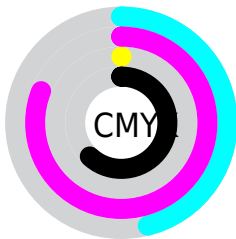
# Distribution



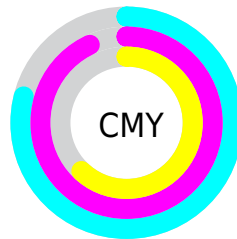
- Red (21%)
- Green (7%)
- Blue (38%)



- Red (21%)
- Yellow (7%)
- Blue (38%)



- Cyan (46%)
- Magenta (81%)
- Yellow (0%)
- Black (62%)




- Cyan (79%)
- Magenta (93%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281668450 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 4281668450 by changing the saturation by 10% instead.



 4281668450

 4281668450

 4294966527

 4279959626

 4285088406

 4278190130

 4286798513

 4278190620

 4288574412


 4278190080


 4290416105

 4292258047

 4294165503

 4294959103

 4281668450

 4281668450

■ 4281272674

■ 4282064226

■ 4280942690

■ 4282394466

■ 4282789986

■ 4283120226

■ 4283516002

■ 4283846242

■ 4284242018

■ 4284637538

■ 4284967778

# Harmonies

## Analogous

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



4278200692



4281668450



4284153921

# Triad

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



4281668450



4282719232



4278203957

# Complementary

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



4281668450



4282409491

# 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.



4278203660



4281668450



4280691456

# Square

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



4281668450



4284219392



4278202624



4278203993

# Rectangle

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



4281668450



4284743721



4278202624



4278203944



# Sweetspot

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



4281668450



4285424000



4279452002



4281675072



4290756543



4282400832



# Same Dimension

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



4281668450



4281926784



4284158818



4281216048



4281335920



4284940528



# Inverse Universe

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



4284617536



4286579786



4279919123



4281347118



4285530176



4293918857



# Previews

## White Background



This preview shows how the Android color 4281668450 looks on a white background.

## Color Contrast Check

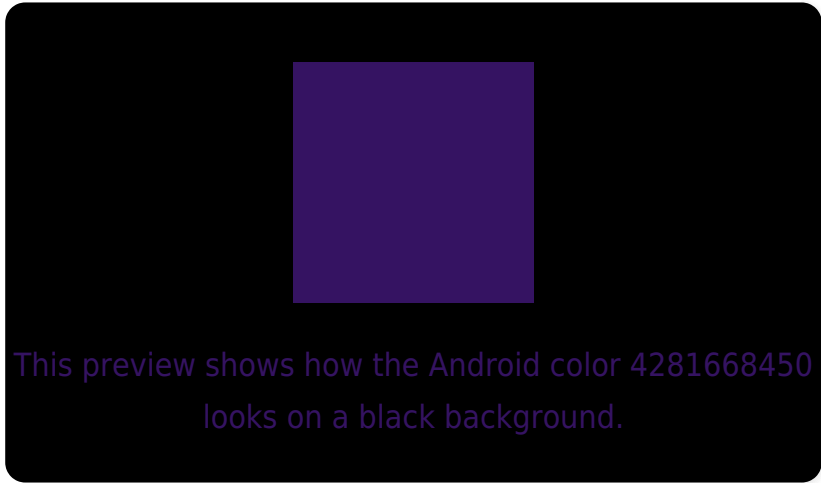
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281668450 Background



This preview shows how black text looks on a background with the Android color 4281668450.



This preview shows how white text looks on a background with the Android color 4281668450.

# 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**  
4281668450

**Protanopia**  
4278200404

**Deuteranopia**  
4278200904



# Trichromacy



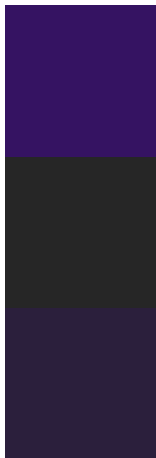
**Original Color**  
4281668450

**Protanomaly**  
4279443545

**Deuteranomaly**  
4279444049

**Tritanomaly**  
4281147712

# Monochromacy



**Original Color**  
4281668450

**Achromatopsia**  
4280690214

**Achromatomaly**  
4281016124

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281668450 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(53, 19, 98)` looks like.

```
.text, #text, p{  
    color:rgb(53, 19, 98)  
}
```

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(53, 19, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 19, 98) }
```

## Border

The CSS property to change the border of an element to Android 4281668450 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(53, 19, 98) }
```

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

```
.border{ border-color:rgb(53, 19, 98) }
```

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

Here you see how a box with a 4 pixel rgb(53, 19, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 19, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 19, 98);  
box-shadow:4px 4px 4px 4px rgb(53, 19, 98)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281668450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 19, 98) }
```

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

```
.background{ background-color: rgb(53, 19,  
98) }
```

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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