

# Converting Colors

Android(4282387681)

Have a look what the booklet for  
Android(4282387681) contains.

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# Color

**Android(4282387681)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	400CE1
RGB	64, 12, 225
RGB Percent	25%, 5%, 88%
CMY	0.7490, 0.9529, 0.1176
CMYK	0.72, 0.95, 0.00, 0.12
HSL	255°, 90%, 46%
HSV	255°, 95%, 88%
XYZ	15.8364, 6.7892, 71.7099
YIQ	51.8300, -37.3810, 77.2670

# Conversions

## Conversions Part 2

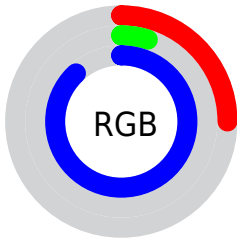
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 12, 225
Decimal	4197601
CIE Lab	31.32, 71.16, -92.42
CIE LCh	31, 116.639, 307.595
Yxy	6.7892, 0.1679, 0.0720
Android (android.graphics.Color)	4282387681 (0xFF400CE1)
YUV	51.8300, 85.3728, 10.6731
Hunter-Lab	26.0560, 62.8913, -144.9353

# Details

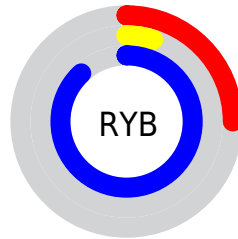
The Android color **4282387681** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **4289585420**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4287122431**, and **4278190248** is the 20% darker color. If you saturate the color by 10%, you get **4281794785**, and if you desaturate by 10%, it is **4283507681**.

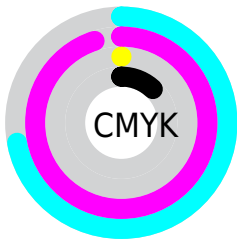
# Distribution



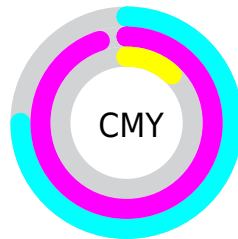
- Red (25%)
- Green (5%)
- Blue (88%)



- Red (25%)
- Yellow (5%)
- Blue (88%)



- Cyan (72%)
- Magenta (95%)
- Yellow (0%)
- Black (12%)



- Cyan (75%)
- Magenta (95%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282387681 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 4282387681 by changing the saturation by 10% instead.



 4282387681

 4282387681

4294967295

 4278190276

 4287122431

 4278190248

 4289292031

 4278190220

 4291330559

 4278190194

 4293434879

 4278193240

 4294949375

 4278191936

 4294956799

 4278190889

 4294964223

 4278190354

 4278190080

■ 4282387681

■ 4282387681

■ 4281794785

■ 4283507681

■ 4284627425

■ 4285747169

■ 4286867169

■ 4287986913

■ 4289106913

■ 4290226913

■ 4291346657

■ 4292466401

# Harmonies

## Analogous

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



4278212351



4282387681



4290576530

# Triad

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



4282387681



4287569920



4278215776

# Complementary

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



4282387681



4289585420

# 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.



4278215168



4282387681



4282797824

# Square

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



4282387681



4290904064



4278213888



4278216891

# Rectangle

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



4282387681



4292149334



4278213888



4278215488



# Sweetspot

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



4282387681



4291410175



4279021537



4284437632



4278190080



4286611584



# Same Dimension

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



4282387681



4282253567



4289203425



4285031792



4281008304



4278976560



# Inverse Universe

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



4292938925



4294901953



4282769676



4285556077



4289724549

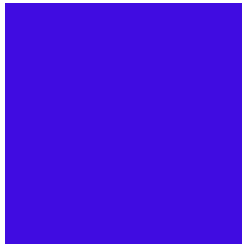


4281335845



# Previews

## White Background



This preview shows how the Android color 4282387681 looks on a white background.

## Color Contrast Check

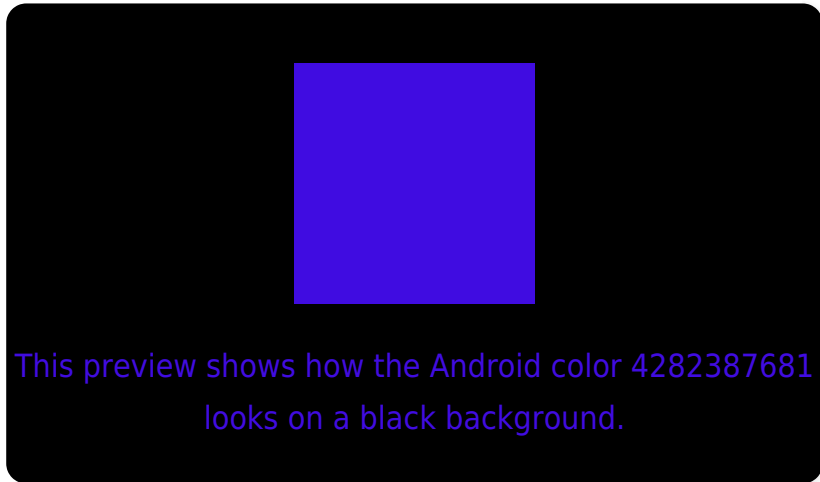
Large Text (above 18pt) WCAG AA ✓ Pass

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

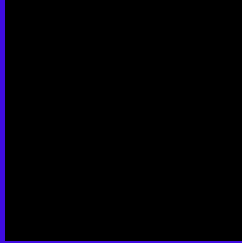
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282387681 Background



This preview shows how black text looks on a background with the Android color 4282387681.



This preview shows how white text looks on a background with the Android color 4282387681.

# 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**  
4282387681

**Protanopia**  
4278208662

**Deuteranopia**  
4278209920



# Trichromacy



**Original Color**  
4282387681

**Protanomaly**  
4279710385

**Deuteranomaly**  
4279711139

**Tritanomaly**  
4279712137

# Monochromacy



**Original Color**  
4282387681

**Achromatopsia**  
4281611316

**Achromatomaly**  
4281869683

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282387681 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(64, 12, 225)` looks like.

```
.text, #text, p{  
    color:rgb(64, 12, 225)  
}
```

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(64, 12, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 12, 225) }
```

## Border

The CSS property to change the border of an element to Android 4282387681 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(64, 12, 225) }
```

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

```
.border{ border-color:rgb(64, 12, 225) }
```

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

Here you see how a box with a 4 pixel rgb(64, 12, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 12, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 12, 225);  
box-shadow:4px 4px 4px 4px rgb(64, 12,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4282387681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 12, 225) }
```

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

```
.background{ background-color: rgb(64, 12,  
225) }
```

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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