

Converting Colors

Android(4282589050)

Have a look what the booklet for
Android(4282589050) contains.

Android(4282589050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282589050)

Conversions

Conversions Part 1

Format	Color
Hex	431F7A
RGB	67, 31, 122
RGB Percent	26%, 12%, 48%
CMY	0.7373, 0.8784, 0.5216
CMYK	0.45, 0.75, 0.00, 0.52
HSL	264°, 59%, 30%
HSV	264°, 75%, 48%
XYZ	6.3176, 3.5784, 18.7701
YIQ	52.1380, -7.7550, 35.9330

Conversions

Conversions Part 2

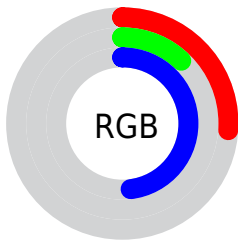
Format	Color
R_{YB}	67, 31, 122
Decimal	4398970
CIE _{Lab}	22.23, 37.77, -45.40
CIE _{LCh}	22, 59.061, 309.758
Yxy	3.5784, 0.2204, 0.1248
Android (android.graphics.Color)	4282589050 (0xFF431F7A)
YUV	52.1380, 34.4420, 13.0340
Hunter-Lab	18.9167, 26.5092, -45.5889

Details

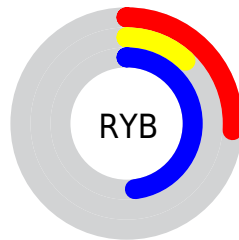
The Android color **4282589050** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4283857439**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4286074799**, and **4279107656** is the 20% darker color. If you saturate the color by 10%, you get **4282127226**, and if you desaturate by 10%, it is **4283050874**.

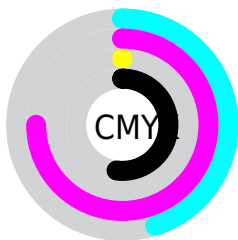
Distribution



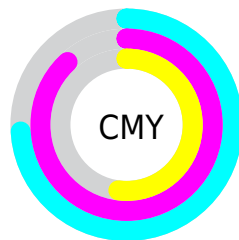
- Red (26%)
- Green (12%)
- Blue (48%)



- Red (26%)
- Yellow (12%)
- Blue (48%)



- Cyan (45%)
- Magenta (75%)
- Yellow (0%)
- Black (52%)



- Cyan (74%)
- Magenta (88%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282589050 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 4282589050 by changing the saturation by 10% instead.



4282589050



4282589050

4294967295



4280813153



4286074799



4279107656



4287850443



4278190385



4289692135



4278190363



4291599615



4278190080



4293507071



4294956031



4294963199



4282589050



4282589050

■ 4282127226

■ 4283050874

■ 4281599866

■ 4283578234

■ 4281335930

■ 4284040314

■ 4284502138

■ 4285029498

■ 4285491322

■ 4286018682

■ 4286480762

■ 4286942586

Harmonies

Analogous

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



4278204302



4282589050



4285595733

Triad

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



4282589050



4284098304



4278208067

Complementary

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



4282589050



4283857439

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.



4278207508



4282589050



4281743360

Square

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



4282589050



4285792256



4278206464



4278208109

Rectangle

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



4282589050



4286316600



4278206464



4278207796

Sweetspot

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



4282589050



4287200158



4280244090



4282595919



4291809231



4283387727

Same Dimension

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



4282589050



4282912926



4285472634



4282005309



4281401469



4284743932

Inverse Universe

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



4286193494



4288548966



4280973855



4282201915



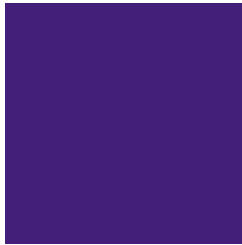
4286382156



4294705305

Previews

White Background



This preview shows how the Android color 4282589050 looks on a white background.

Color Contrast Check

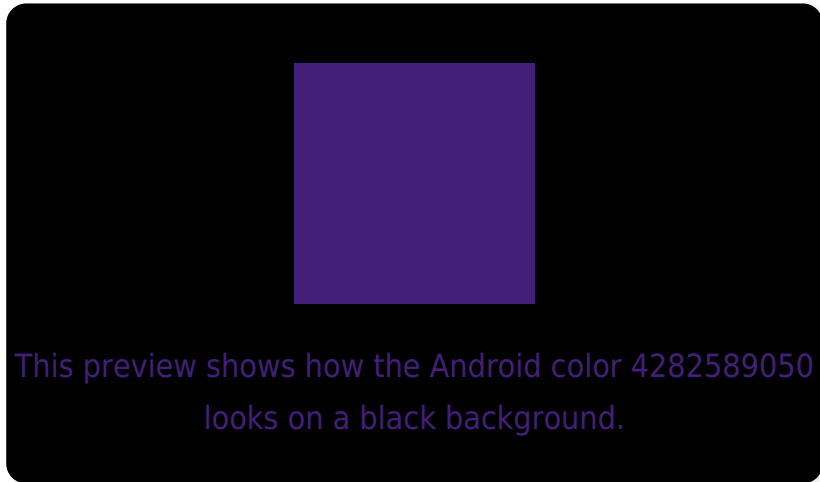
Large Text (above 18pt) WCAG AA ✓ Pass

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

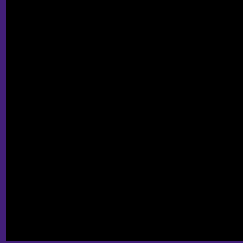
Any Text WCAG AA × Fail

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 4282589050 Background



This preview shows how black text looks on a background with the Android color 4282589050.



This preview shows how white text looks on a background with the Android color 4282589050.

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
4282589050

Protanopia
4278203502

Deuteranopia
4278204255

Trichromacy



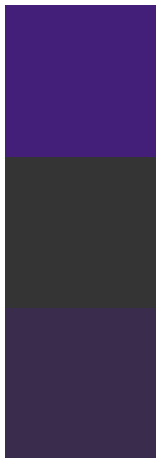
Original Color
4282589050

Protanomaly
4279774322

Deuteranomaly
4279774825

Tritanomaly
4281937489

Monochromacy



Original Color
4282589050

Achromatopsia
4281611316

Achromatomaly
4281936973

CSS Examples

Text

The CSS property to change the color of the text to Android 4282589050 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(67, 31, 122)` looks like.

```
.text, #text, p{  
    color:rgb(67, 31, 122)  
}
```

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(67, 31, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 31, 122) }
```

Border

The CSS property to change the border of an element to Android 4282589050 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(67, 31, 122) }
```

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

```
.border{ border-color:rgb(67, 31, 122) }
```

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

Here you see how a box with a 4 pixel rgb(67, 31, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 31, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 31, 122);  
box-shadow:4px 4px 4px 4px rgb(67, 31,  
122) }
```

Background

The CSS property to change the background color of an element to Android 4282589050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 31, 122) }
```

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

```
.background{ background-color: rgb(67, 31,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor