

Converting Colors

Android(4282004067)

Have a look what the booklet for
Android(4282004067) contains.

Android(4282004067)	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(4282004067)

Conversions

Conversions Part 1

Format	Color
Hex	3A3263
RGB	58, 50, 99
RGB Percent	23%, 20%, 39%
CMY	0.7725, 0.8039, 0.6118
CMYK	0.41, 0.49, 0.00, 0.61
HSL	250°, 33%, 29%
HSV	250°, 49%, 39%
XYZ	5.1377, 4.0816, 12.3214
YIQ	57.9780, -10.9610, 16.9350

Conversions

Conversions Part 2

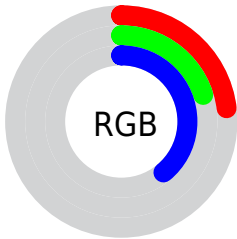
Format	Color
R_{YB}	58, 50, 99
Decimal	3813987
CIE _{Lab}	23.94, 16.90, -27.88
CIE _{LCh}	24, 32.599, 301.223
Yxy	4.0816, 0.2385, 0.1895
Android (android.graphics.Color)	4282004067 (0xFF3A3263)
YUV	57.9780, 20.2238, 0.0193
Hunter-Lab	20.2030, 10.0377, -22.0178

Details

The Android color `4282004067` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4284179250`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4285227158`, and `4278977844` is the 20% darker color. If you saturate the color by 10%, you get `4281477219`, and if you desaturate by 10%, it is `4282530915`.

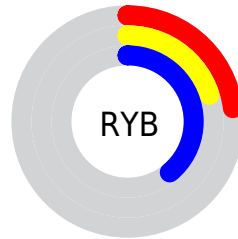
Distribution



Red (23%)

Green (20%)

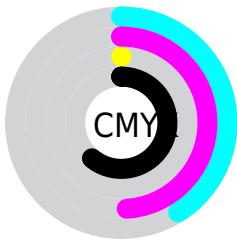
Blue (39%)



Red (23%)

Yellow (20%)

Blue (39%)

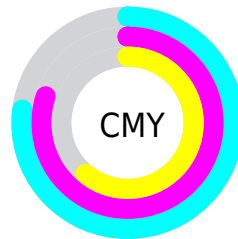


Cyan (41%)

Magenta (49%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (80%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282004067 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 4282004067 by changing the saturation by 10% instead.

■ 4282004067

■ 4282004067

4294967295

■ 4280425803

■ 4285227158

■ 4278977844

■ 4286937521

■ 4278190622

■ 4288713677

■ 4278190080

■ 4290490089

■ 4292397567

■ 4294239743

■ 4282004067

■ 4282004067

■ 4281477219

■ 4282530915

■ 4280884835

■ 4283123299

■ 4280357987

■ 4283650147

■ 4279831139

■ 4284176995

■ 4279304547

■ 4284703843

■ 4279238755

■ 4285295971

■ 4285822819

■ 4286349667

■ 4286942051

Harmonies

Analogous

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



4278205290



4282004067



4283901777

Triad

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



4282004067



4283903757



4278207545

Complementary

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



4282004067



4284179250

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.



4278207264



4282004067



4282660865

Square

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



4282004067



4284687649



4281089802



4278207570

Rectangle

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



4282004067



4284555841



4281089802



4278207537

Sweetspot

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



4282004067



4285492352



4281490531



4281742400



4290756543



4282400832

Same Dimension

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



4282004067



4282463360



4283576931



4281084976



4279369840



4280746224

Inverse Universe

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



4284691035



4286592115



4282606386



4281347120



4285530206



4293918921

Previews

White Background



This preview shows how the Android color 4282004067 looks on a white background.

Color Contrast Check

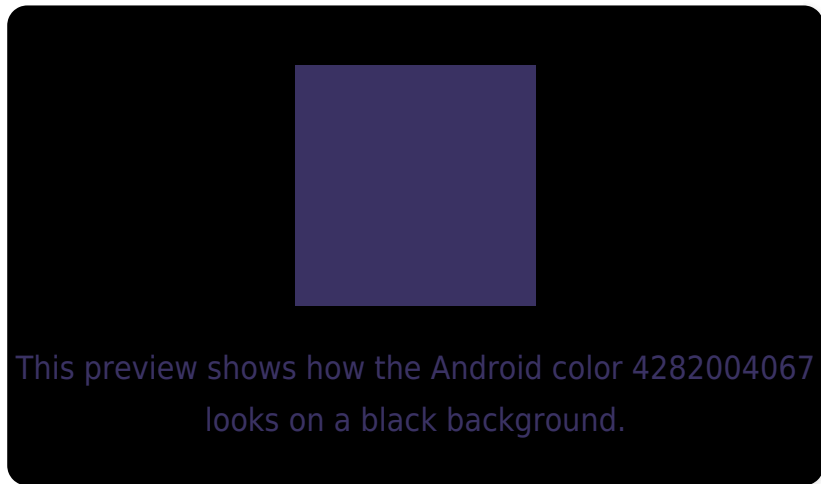
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282004067 Background



This preview shows how black text looks on a background with the Android color 4282004067.



This preview shows how white text looks on a background with the Android color 4282004067.

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

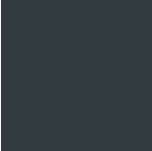
4282004067

Protanopia

4280366952

Deuteranopia

4280040033



Tritanopia
4281416511

Trichromacy



Original Color

4282004067

Protanomaly

4280956262

Deuteranomaly

4280760162

Tritanomaly

4281612364

Monochromacy



Original Color

4282004067

Achromatopsia

4282006074

Achromatomaly

4282005321

CSS Examples

Text

The CSS property to change the color of the text to Android 4282004067 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(58, 50, 99)` looks like.

```
.text, #text, p{  
    color:rgb(58, 50, 99)  
}
```

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(58, 50, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 50, 99) }
```

Border

The CSS property to change the border of an element to Android 4282004067 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(58, 50, 99) }
```

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

```
.border{ border-color:rgb(58, 50, 99) }
```

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

Here you see how a box with a 4 pixel rgb(58, 50, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 50, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 50, 99);  
box-shadow:4px 4px 4px 4px rgb(58, 50, 99)  
}
```

Background

The CSS property to change the background color of an element to Android 4282004067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 50, 99) }
```

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

```
.background{ background-color: rgb(58, 50,  
99) }
```

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