

Converting Colors

Android(4283629617)

Have a look what the booklet for
Android(4283629617) contains.

Android(4283629617)	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(4283629617)

Conversions

Conversions Part 1

Format	Color
Hex	530031
RGB	83, 0, 49
RGB Percent	33%, 0%, 19%
CMY	0.6745, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.41, 0.67
HSL	325°, 100%, 16%
HSV	325°, 100%, 33%
XYZ	4.1217, 2.0608, 3.0863
YIQ	30.4030, 33.7390, 32.8350

Conversions

Conversions Part 2

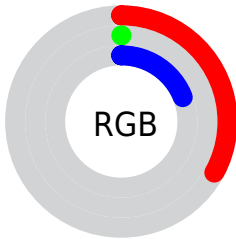
Format	Color
R_{YB}	83, 0, 49
Decimal	5439537
CIE _{Lab}	15.80, 38.58, -6.15
CIE _{LCh}	16, 39.069, 350.947
Yxy	2.0608, 0.4447, 0.2223
Android (android.graphics.Color)	4283629617 (0xFF530031)
YUV	30.4030, 9.1683, 46.1276
Hunter-Lab	14.3553, 26.1286, -2.6981

Details

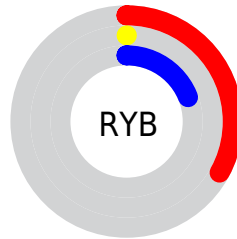
The Android color **4283629617** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278211362**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4287117407**, and **4280418305** is the 20% darker color. If you saturate the color by 10%, you get **4283629617**, and if you desaturate by 10%, it is **4283631668**.

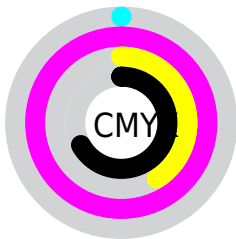
Distribution



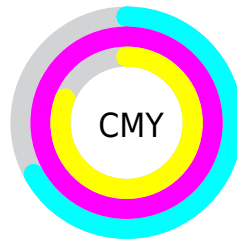
- Red (33%)
- Green (0%)
- Blue (19%)



- Red (33%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283629617 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 4283629617 by changing the saturation by 10% instead.

 4283629617

 4283629617

 4294964735

 4281991196

 4287117407

 4280418305

 4288958840

 4278190080

 4290800529

 4292707756

 4294615239

 4294950115

 4294957311

 4283629617

■ 4283631668

■ 4283633976

■ 4283636027

■ 4283638079

■ 4283640130

■ 4283642437

■ 4283644489

■ 4283646540

■ 4283648848

Harmonies

Analogous

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



4282324043



4283629617



4283826710

Triad

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



4283629617



4280298496



4278202962

Complementary

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



4283629617



4278211362

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.



4278203195



4283629617



4278202368

Square

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



4283629617



4281934592



4278202910



4278201695

Rectangle

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



4283629617



4283502336



4278202910



4278202955

Sweetspot

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



4283629617



4285221726



4280352851



4281737774



4290098613



4281742902

Same Dimension

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



4283629617



4285202495



4283629576



4280886567



4285071422



4293394569

Inverse Universe

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



4283629617



4285202495



4278211403



4280886567



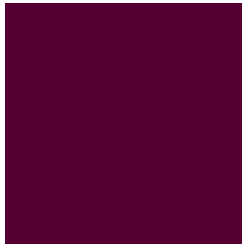
4285071422



4293394569

Previews

White Background



This preview shows how the Android color 4283629617 looks on a white background.

Color Contrast Check

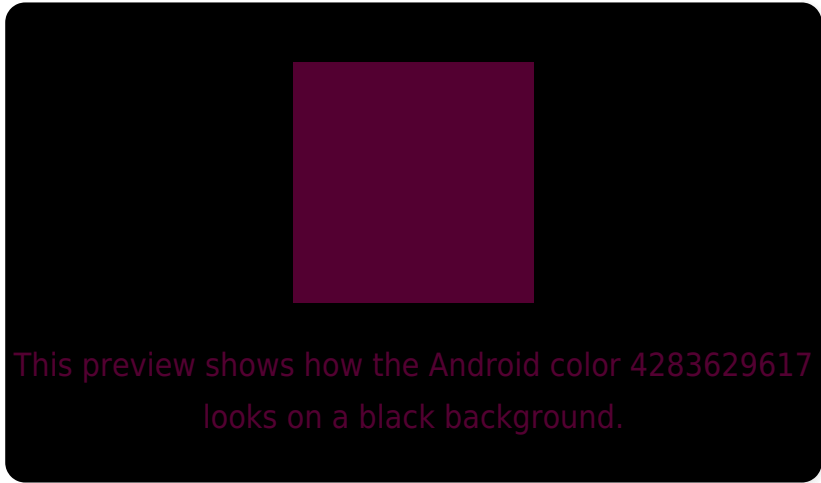
Large Text (above 18pt) WCAG AA ✓ Pass

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

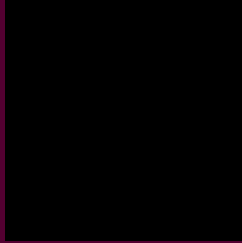
Any Text WCAG AA × Fail

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 4283629617 Background



This preview shows how black text looks on a background with the Android color 4283629617.



This preview shows how white text looks on a background with the Android color 4283629617.

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
4283629617

Protanopia
4280363846

Deuteranopia
4281281069

Trichromacy



Original Color
4283629617

Protanomaly
4281539390

Deuteranomaly
4282129198

Tritanomaly
4283567135

Monochromacy



Original Color
4283629617

Achromatopsia
4280163870

Achromatomaly
4281406245

CSS Examples

Text

The CSS property to change the color of the text to Android 4283629617 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(83, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(83, 0, 49)  
}
```

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(83, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 0, 49) }
```

Border

The CSS property to change the border of an element to Android 4283629617 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(83, 0, 49) }
```

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

```
.border{ border-color:rgb(83, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 0, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 0, 49); box-shadow:4px  
4px 4px 4px rgb(83, 0, 49) }
```

Background

The CSS property to change the background color of an element to Android 4283629617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 0, 49) }
```

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

```
.background{ background-color: rgb(83, 0,  
49) }
```

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