

Converting Colors

Android(4283175767)

Have a look what the booklet for
Android(4283175767) contains.

Android(4283175767)	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(4283175767)

Conversions

Conversions Part 1

Format	Color
Hex	4C1357
RGB	76, 19, 87
RGB Percent	30%, 7%, 34%
CMY	0.7020, 0.9255, 0.6588
CMYK	0.13, 0.78, 0.00, 0.66
HSL	290°, 64%, 21%
HSV	290°, 78%, 34%
XYZ	4.9337, 2.6904, 9.2761
YIQ	43.7950, 12.1440, 33.2320

Conversions

Conversions Part 2

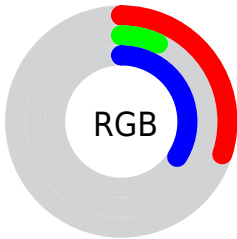
Format	Color
R_YB	76, 19, 87
Decimal	4985687
CIE Lab	18.76, 36.69, -28.07
CIE LCh	19, 46.202, 322.580
Yxy	2.6904, 0.2919, 0.1592
Android (android.graphics.Color)	4283175767 (0xFF4C1357)
YUV	43.7950, 21.3001, 28.2438
Hunter-Lab	16.4023, 24.9870, -22.0489

Details

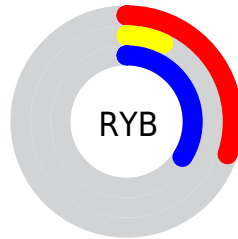
The Android color **4283175767** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4280178451**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4286530697**, and **4280287273** is the 20% darker color. If you saturate the color by 10%, you get **4283107927**, and if you desaturate by 10%, it is **4283243607**.

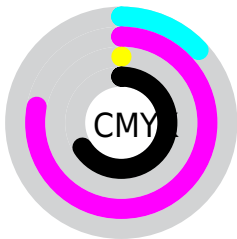
Distribution



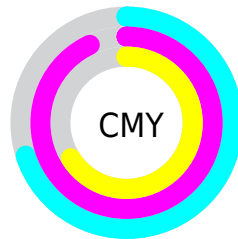
- Red (30%)
- Green (7%)
- Blue (34%)



- Red (30%)
- Yellow (7%)
- Blue (34%)



- Cyan (13%)
- Magenta (78%)
- Yellow (0%)
- Black (66%)



- Cyan (70%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283175767 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 4283175767 by changing the saturation by 10% instead.

4283175767

4283175767

4294967295

4281532479

4286530697

4280287273

4288306596

4278190355

4290148287

4278190080

4291989979

4293897464

4294953215

4294960383

4283175767

4283175767

■ 4283107927

■ 4283243607

■ 4282974807

■ 4283376727

■ 4282974295

■ 4283444567

■ 4283577943

■ 4283645783

■ 4283713367

■ 4283846743

■ 4283914583

■ 4284047703

Harmonies

Analogous

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



4278462829



4283175767



4284678199

Triad

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



4283175767



4282394880



4278205255

Complementary

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



4283175767



4280178451

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.



4278205220



4283175767



4280365824

Square

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



4283175767



4283963392



4278204416



4278205027

Rectangle

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



4283175767



4284874785



4278204416



4278205243

Sweetspot

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



4283175767



4285290096



4279443031



4281739320



4290295992



4281874488

Same Dimension

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



4283175767



4284417904



4283896640



4281018155



4284088427



4291100907

Inverse Universe

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



4283896606



4285531928



4279457578



4281018152



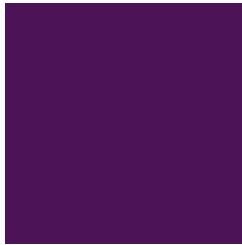
4285202449



4293591078

Previews

White Background



This preview shows how the Android color 4283175767 looks on a white background.

Color Contrast Check

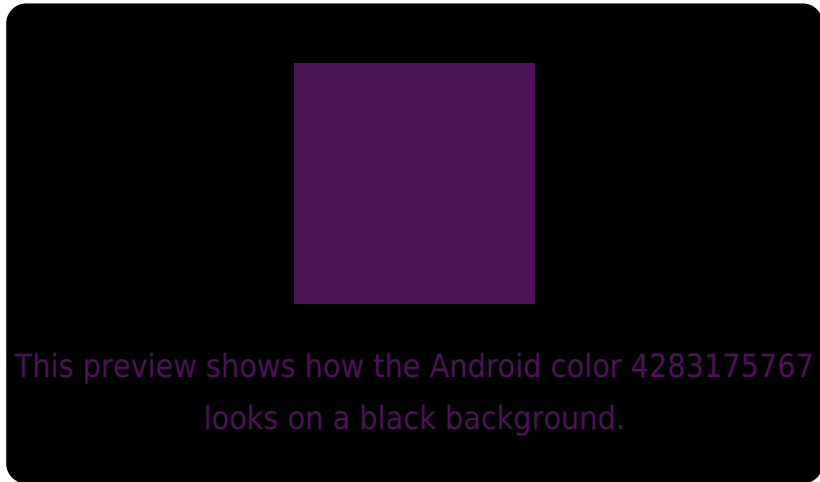
Large Text (above 18pt) WCAG AA ✓ Pass

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

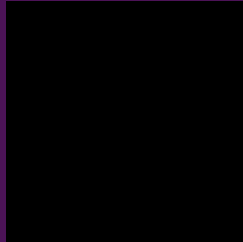
Any Text WCAG AA × Fail

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 4283175767 Background



This preview shows how black text looks on a background with the Android color 4283175767.



This preview shows how white text looks on a background with the Android color 4283175767.

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
4283175767

Protanopia
4278201953

Deuteranopia
4279447634

Trichromacy



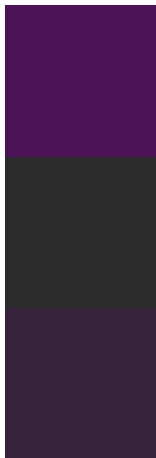
Original Color
4283175767

Protanomaly
4280034397

Deuteranomaly
4280821076

Tritanomaly
4282916665

Monochromacy



Original Color
4283175767

Achromatopsia
4281084972

Achromatomaly
4281869116

CSS Examples

Text

The CSS property to change the color of the text to Android 4283175767 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(76, 19, 87)` looks like.

```
.text, #text, p{  
    color:rgb(76, 19, 87)  
}
```

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(76, 19, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 19, 87) }
```

Border

The CSS property to change the border of an element to Android 4283175767 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(76, 19, 87) }
```

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

```
.border{ border-color:rgb(76, 19, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 19, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 19, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 19, 87);  
box-shadow:4px 4px 4px 4px rgb(76, 19, 87)  
}
```

Background

The CSS property to change the background color of an element to Android 4283175767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 19, 87) }
```

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

```
.background{ background-color: rgb(76, 19,  
87) }
```

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