

Converting Colors

Android(4284547223)

Have a look what the booklet for
Android(4284547223) contains.

Android(4284547223)	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(4284547223)

Conversions

Conversions Part 1

Format	Color
Hex	610097
RGB	97, 0, 151
RGB Percent	38%, 0%, 59%
CMY	0.6196, 1.0000, 0.4078
CMYK	0.36, 1.00, 0.00, 0.41
HSL	279°, 100%, 30%
HSV	279°, 100%, 59%
XYZ	10.5157, 4.7758, 29.6457
YIQ	46.2170, 9.3410, 67.5250

Conversions

Conversions Part 2

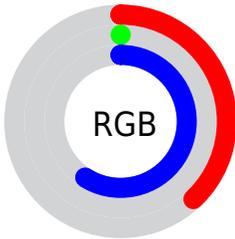
Format	Color
RYB	97, 0, 151
Decimal	6357143
CIELab	26.09, 58.63, -57.07
CIElCh	26, 81.814, 315.773
Yxy	4.7758, 0.2340, 0.1063
Android (android.graphics.Color)	4284547223 (0xFF610097)
YUV	46.2170, 51.6580, 44.5367
Hunter-Lab	21.8535, 47.6488, -65.1334

Details

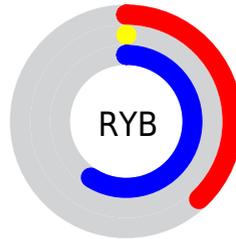
The Android color **4284547223** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4281767680**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4288234446**, and **4280811619** is the 20% darker color. If you saturate the color by 10%, you get **4284547223**, and if you desaturate by 10%, it is **4284878743**.

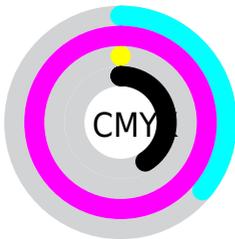
Distribution



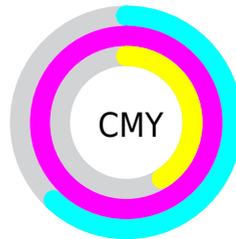
- Red (38%)
- Green (0%)
- Blue (59%)



- Red (38%)
- Yellow (0%)
- Blue (59%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (62%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284547223 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 4284547223 by changing the saturation by 10% instead.

 4284547223

 4284547223

4294967295

 4282712188

 4288234446

 4280811619

 4290141931

 4278452298

 4292049407

 4278191154

 4294022655

 4278190620

 4294947071

 4278190080

 4294954495

 4294961919

 4284547223

■ 4284878743

■ 4285275799

■ 4285607319

■ 4286004375

■ 4286336151

■ 4286667671

■ 4287064727

■ 4287396247

■ 4287793303

Harmonies

Analogous

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



4278205882



4284547223



4288086110

Triad

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



4284547223



4284755968



4278211423

Complementary

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



4284547223



4281767680

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.



4278210844



4284547223



4281156864

Square

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



4284547223



4287365120



4278210048



4278211736

Rectangle

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



4284547223



4288741430



4278210048



4278211145

Sweetspot

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



4284547223



4289694148



4278204311



4283908195



4293125091



4284703587

Same Dimension

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



4284547223



4286447812



4288086147



4283057485



4284088460



4278714381

Inverse Universe

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



4288086070



4291035206



4278228756



4283254088



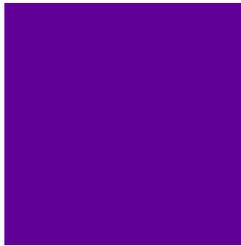
4287365170



4279042053

Previews

White Background



This preview shows how the Android color 4284547223 looks on a white background.

Color Contrast Check

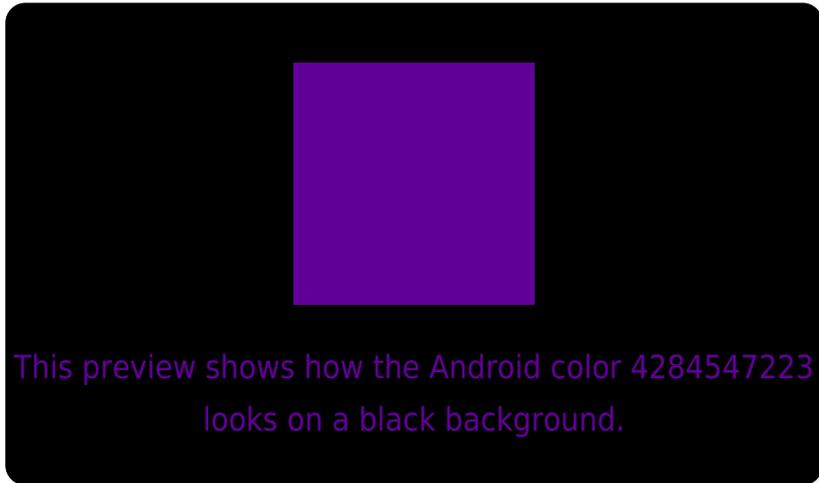
Large Text (above 18pt) WCAG AA ✓ Pass

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

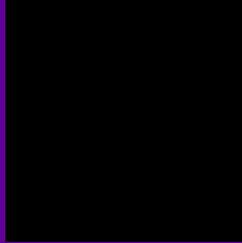
Any Text WCAG AA × Fail

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 4284547223 Background



This preview shows how black text looks on a background with the Android color 4284547223.



This preview shows how white text looks on a background with the Android color 4284547223.

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
4284547223

Protanopia
4278206340

Deuteranopia
4278207346



Tritanopia
4283448128

Trichromacy



Original Color

4284547223



Protanomaly

4280494219



Deuteranomaly

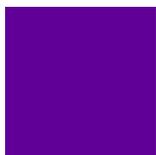
4280494975



Tritanomaly

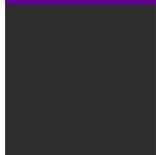
4283836000

Monochromacy



Original Color

4284547223



Achromatopsia

4281216558



Achromatomaly

4282457428

CSS Examples

Text

The CSS property to change the color of the text to Android 4284547223 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(97, 0, 151)` looks like.

```
.text, #text, p{  
    color:rgb(97, 0, 151)  
}
```

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(97, 0, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 0, 151) }
```

Border

The CSS property to change the border of an element to Android 4284547223 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(97, 0, 151) }
```

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

```
.border{ border-color:rgb(97, 0, 151) }
```

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

Here you see how a box with a 4 pixel rgb(97, 0, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 0, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 0, 151);  
box-shadow:4px 4px 4px 4px rgb(97, 0, 151)  
}
```

Background

The CSS property to change the background color of an element to Android 4284547223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 0, 151) }
```

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

```
.background{ background-color: rgb(97, 0,  
151) }
```

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