

Converting Colors

Android(4285670223)

Have a look what the booklet for
Android(4285670223) contains.

Android(4285670223)	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(4285670223)

Conversions

Conversions Part 1

Format	Color
Hex	72234F
RGB	114, 35, 79
RGB Percent	45%, 14%, 31%
CMY	0.5529, 0.8627, 0.6902
CMYK	0.00, 0.69, 0.31, 0.55
HSL	327°, 53%, 29%
HSV	327°, 69%, 45%
XYZ	8.9517, 5.3440, 7.9568
YIQ	63.6370, 32.9600, 30.4320

Conversions

Conversions Part 2

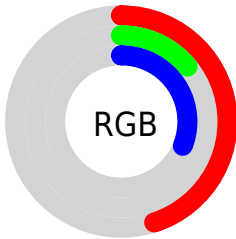
Format	Color
R_{YB}	114, 35, 79
Decimal	7480143
CIE _{Lab}	27.69, 39.16, -8.28
CIE _{LCh}	28, 40.023, 348.056
Yxy	5.3440, 0.4023, 0.2402
Android (android.graphics.Color)	4285670223 (0xFF72234F)
YUV	63.6370, 7.5740, 44.1684
Hunter-Lab	23.1171, 28.6667, -4.2255

Details

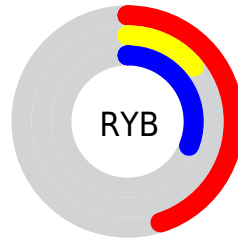
The Android color **4285670223** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4280513094**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4289287808**, and **4282253347** is the 20% darker color. If you saturate the color by 10%, you get **4285667402**, and if you desaturate by 10%, it is **4285673044**.

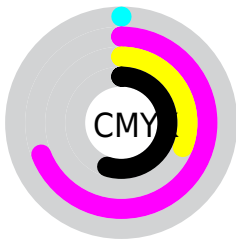
Distribution



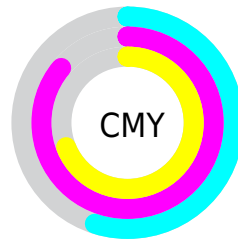
- Red (45%)
- Green (14%)
- Blue (31%)



- Red (45%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (69%)
- Yellow (31%)
- Black (55%)



- Cyan (55%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285670223 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 4285670223 by changing the saturation by 10% instead.



4285670223



4285670223

4294967295



4283958584



4289287808



4282253347



4291129242



4280811532



4293036725



4278190080



4294944208



4294951405



4294958591



4294966015



4285670223



4285670223

■ 4285667402

■ 4285673044

■ 4285664325

■ 4285676121

■ 4285661504

■ 4285678942

■ 4285661247

■ 4285682019

■ 4285684840

■ 4285687661

■ 4285690738

■ 4285693559

■ 4285696636

Harmonies

Analogous

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



4284100715



4285670223



4286063152

Triad

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



4285670223



4282271232



4278210159

Complementary

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



4285670223



4280513094

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.



4278210388



4285670223



4279716885

Square

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



4285670223



4284103680



4278210356



4278208894

Rectangle

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



4285670223



4285737501



4278210356



4278210407

Sweetspot

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



4285670223



4287919494



4282721138



4283053890



4291414473



4283058762

Same Dimension

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



4285670223



4287895902



4285670184



4281872950



4286054467



4294377610

Inverse Universe

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



4285670223



4287895902



4280513133



4281872950



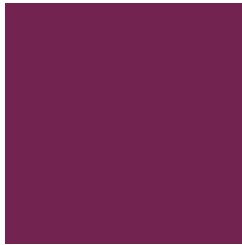
4286054467



4294377610

Previews

White Background



This preview shows how the Android color 4285670223 looks on a white background.

Color Contrast Check

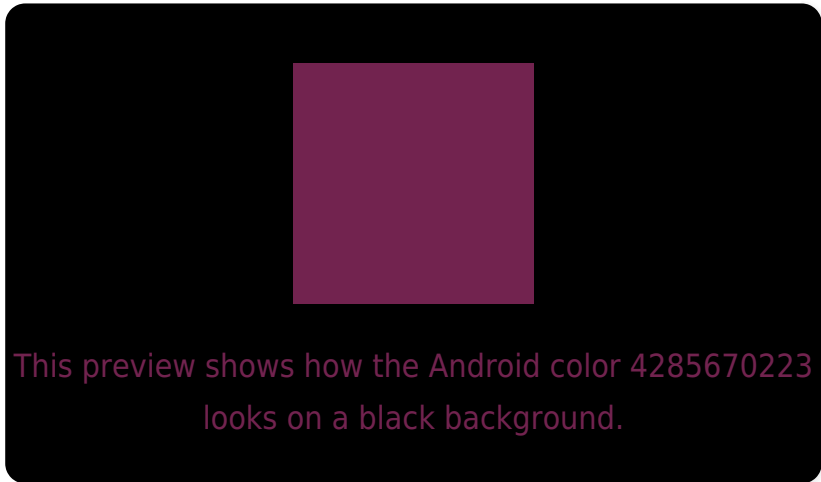
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285670223 Background



This preview shows how black text looks on a background with the Android color 4285670223.



This preview shows how white text looks on a background with the Android color 4285670223.

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

4285670223

Protanopia

4281745765

Deuteranopia

4282728779

Trichromacy



Original Color
4285670223

Protanomaly
4283184733

Deuteranomaly
4283774540

Tritanomaly
4285540666

Monochromacy



Original Color
4285670223

Achromatopsia
4282400832

Achromatomaly
4283577669

CSS Examples

Text

The CSS property to change the color of the text to Android 4285670223 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(114, 35, 79)` looks like.

```
.text, #text, p{  
    color:rgb(114, 35, 79)  
}
```

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(114, 35, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 35, 79) }
```

Border

The CSS property to change the border of an element to Android 4285670223 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(114, 35, 79) }
```

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

```
.border{ border-color:rgb(114, 35, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 35, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 35, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 35, 79);  
box-shadow:4px 4px 4px 4px rgb(114, 35,  
79) }
```

Background

The CSS property to change the background color of an element to Android 4285670223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 35, 79) }
```

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

```
.background{ background-color: rgb(114, 35,  
79) }
```

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