

Converting Colors

Android(4284940446)

Have a look what the booklet for
Android(4284940446) contains.

Android(4284940446)	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(4284940446)

Conversions

Conversions Part 1

Format	Color
Hex	67009E
RGB	103, 0, 158
RGB Percent	40%, 0%, 62%
CMY	0.5961, 1.0000, 0.3804
CMYK	0.35, 1.00, 0.00, 0.38
HSL	279°, 100%, 31%
HSV	279°, 100%, 62%
XYZ	11.7651, 5.3522, 32.7607
YIQ	48.8090, 10.6700, 70.9740

Conversions

Conversions Part 2

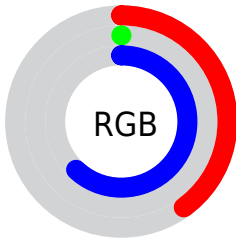
Format	Color
R_{YB}	103, 0, 158
Decimal	6750366
CIE _{Lab}	27.72, 60.76, -58.65
CIE _{LCh}	28, 84.443, 316.013
Yxy	5.3522, 0.2359, 0.1073
Android (android.graphics.Color)	4284940446 (0xFF67009E)
YUV	48.8090, 53.8312, 47.5255
Hunter-Lab	23.1348, 50.2893, -67.7651

Details

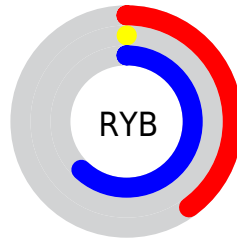
The Android color **4284940446** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4281835008**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4288693718**, and **4281139305** is the 20% darker color. If you saturate the color by 10%, you get **4284940446**, and if you desaturate by 10%, it is **4285272222**.

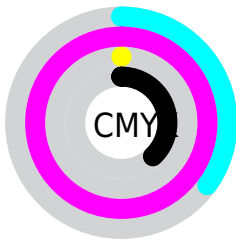
Distribution



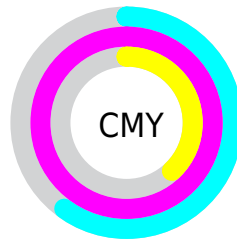
- Red (40%)
- Green (0%)
- Blue (62%)



- Red (40%)
- Yellow (0%)
- Blue (62%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284940446 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 4284940446 by changing the saturation by 10% instead.

 4284940446

 4284940446

4294967295

 4283105411

 4288693718

 4281139305

 4290601203

 4279173200

 4292508927

 4278190136

 4294481919

 4278190626

 4294947839

 4278190087

 4294955263

 4278190080

 4294962687

 4284940446

■ 4285272222

■ 4285669534

■ 4286001054

■ 4286398366

■ 4286795678

■ 4287127454

■ 4287524766

■ 4287856286

■ 4288253598

Harmonies

Analogous

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



4278206915



4284940446



4288610403

Triad

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



4284940446



4285084416



4278212708

Complementary

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



4284940446



4281835008

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.



4278212127



4284940446



4281288960

Square

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



4284940446



4287758336



4278211072



4278212768

Rectangle

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



4284940446



4289265720



4278211072



4278212430

Sweetspot

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



4284940446



4290351567



4278204318



4284171113



4293454056



4285098345

Same Dimension

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



4284940446



4287037647



4288544902



4283189071



4284285071



4278845455

Inverse Universe

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



4288544823



4291756104



4278230552



4283385674



4287561778



4279173125

Previews

White Background



This preview shows how the Android color 4284940446 looks on a white background.

Color Contrast Check

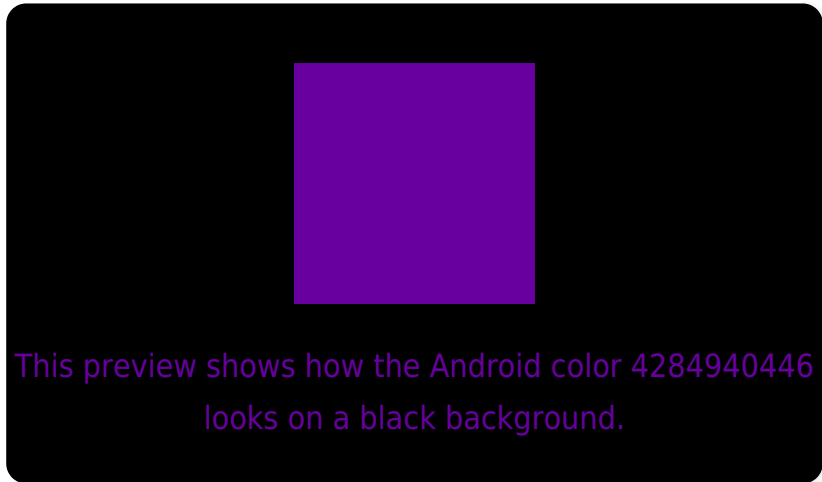
Large Text (above 18pt) WCAG AA ✓ Pass

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

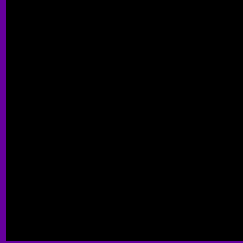
Any Text WCAG AA × Fail

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 4284940446 Background



This preview shows how black text looks on a background with the Android color 4284940446.



This preview shows how white text looks on a background with the Android color 4284940446.

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


4284940446

Protanopia

4278207115

Deuteranopia

4278208120



Tritanopia
4283842114

Trichromacy



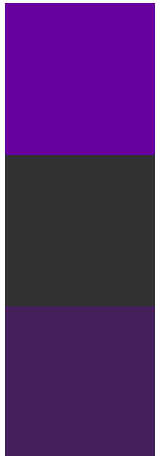
Original Color
4284940446

Protanomaly
4280625810

Deuteranomaly
4280626566

Tritanomaly
4284229475

Monochromacy



Original Color
4284940446

Achromatopsia
4281413937

Achromatomaly
4282720089

CSS Examples

Text

The CSS property to change the color of the text to Android 4284940446 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(103, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(103, 0, 158)  
}
```

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(103, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 0, 158) }
```

Border

The CSS property to change the border of an element to Android 4284940446 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(103, 0, 158) }
```

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

```
.border{ border-color:rgb(103, 0, 158) }
```

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

Here you see how a box with a 4 pixel rgb(103, 0, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(103, 0,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4284940446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 0, 158) }
```

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

```
.background{ background-color: rgb(103, 0,  
158) }
```

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