

Converting Colors

Android(4283564181)

Have a look what the booklet for
Android(4283564181) contains.

Android(4283564181)	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(4283564181)

Conversions

Conversions Part 1

Format	Color
Hex	520095
RGB	82, 0, 149
RGB Percent	32%, 0%, 58%
CMY	0.6784, 1.0000, 0.4157
CMYK	0.45, 1.00, 0.00, 0.42
HSL	273°, 100%, 29%
HSV	273°, 100%, 58%
XYZ	8.9045, 3.9638, 28.7295
YIQ	41.5040, 1.0430, 63.7230

Conversions

Conversions Part 2

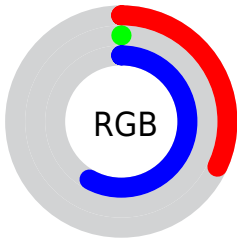
Format	Color
RYB	82, 0, 149
Decimal	5374101
CIELab	23.55, 56.61, -60.09
CIElCh	24, 82.552, 313.293
Yxy	3.9638, 0.2141, 0.0953
Android (android.graphics.Color)	4283564181 (0xFF520095)
YUV	41.5040, 52.9955, 35.5150
Hunter-Lab	19.9092, 44.9939, -71.6207

Details

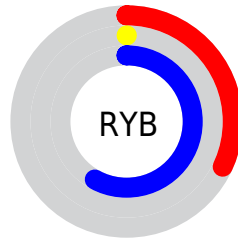
The Android color **4283564181** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4282619136**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4287316172**, and **4279500897** is the 20% darker color. If you saturate the color by 10%, you get **4283564181**, and if you desaturate by 10%, it is **4284026773**.

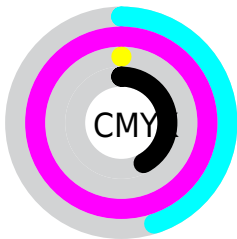
Distribution



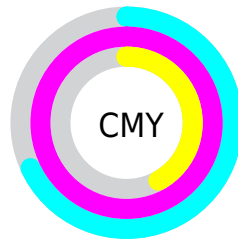
- Red (32%)
- Green (0%)
- Blue (58%)



- Red (32%)
- Yellow (0%)
- Blue (58%)



- Cyan (45%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (68%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283564181 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 4283564181 by changing the saturation by 10% instead.

 4283564181

 4283564181

4294967295

 4281663610

 4287316172

 4279500897

 4289158121

 4278190152

 4291065343

 4278191152

 4293038335

 4278190363

 4294946047

 4278190080

 4294953215

 4294960639

 4283564181

■ 4284026773

■ 4284423829

■ 4284886421

■ 4285349013

■ 4285811605

■ 4286208405

■ 4286670997

■ 4287133589

■ 4287530645

Harmonies

Analogous

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



4278205110



4283564181



4287496285

Triad

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



4283564181



4284557056



4278209619

Complementary

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



4283564181



4282619136

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.



4278209295



4283564181



4281089536

Square

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



4283564181



4287037440



4278208256



4278210190

Rectangle

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



4283564181



4288217141



4278208256



4278209598

Sweetspot

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



4283564181



4289235138



4278207381



4283514465



4292927712



4284572001

Same Dimension

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



4283564181



4285202626



4287955086



4282860362



4283170954



4278583306

Inverse Universe

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



4287955011



4290904151



4278228231



4283056966



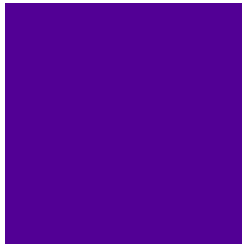
4287234110



4278845445

Previews

White Background



This preview shows how the Android color 4283564181 looks on a white background.

Color Contrast Check

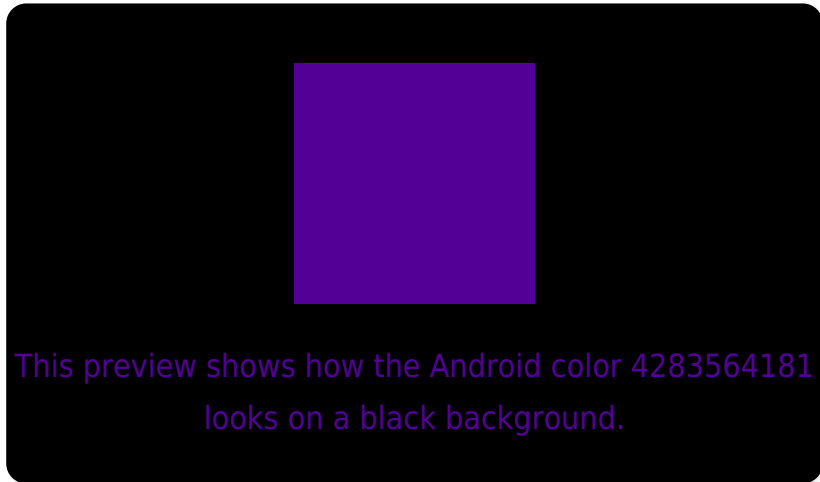
Large Text (above 18pt) WCAG AA ✓ Pass

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

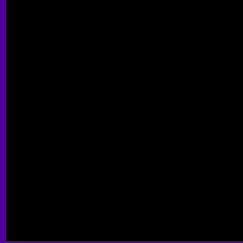
Any Text WCAG AA × Fail

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 4283564181 Background



This preview shows how black text looks on a background with the Android color 4283564181.



This preview shows how white text looks on a background with the Android color 4283564181.

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
4283564181

Protanopia
4278204792

Deuteranopia
4278205799

Trichromacy



Original Color
4283564181

Protanomaly
4280165507

Deuteranomaly
4280166264

Tritanomaly
4282721630

Monochromacy



Original Color
4283564181

Achromatopsia
4280953386

Achromatomaly
4281932625

CSS Examples

Text

The CSS property to change the color of the text to Android 4283564181 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(82, 0, 149)` looks like.

```
.text, #text, p{  
    color:rgb(82, 0, 149)  
}
```

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(82, 0, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 0, 149) }
```

Border

The CSS property to change the border of an element to Android 4283564181 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(82, 0, 149) }
```

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

```
.border{ border-color:rgb(82, 0, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 0, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(82, 0, 149)  
}
```

Background

The CSS property to change the background color of an element to Android 4283564181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 0, 149) }
```

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

```
.background{ background-color: rgb(82, 0,  
149) }
```

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