

Converting Colors

Android(4289024205)

Have a look what the booklet for
Android(4289024205) contains.

Android(4289024205)	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(4289024205)

Conversions

Conversions Part 1

Format	Color
Hex	A550CD
RGB	165, 80, 205
RGB Percent	65%, 31%, 80%
CMY	0.3529, 0.6863, 0.1961
CMYK	0.20, 0.61, 0.00, 0.20
HSL	281°, 56%, 56%
HSV	281°, 61%, 80%
XYZ	29.4052, 18.1444, 59.7100
YIQ	119.6650, 10.5350, 56.8950

Conversions

Conversions Part 2

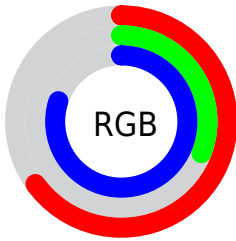
Format	Color
R _Y B	165, 80, 205
Decimal	10834125
CIE _{Lab}	49.67, 55.10, -50.48
CIE _{LCh}	50, 74.729, 317.508
Yxy	18.1444, 0.2741, 0.1692
Android (android.graphics.Color)	4289024205 (0xFFA550CD)
YUV	119.6650, 42.0702, 39.7588
Hunter-Lab	42.5963, 48.6790, -53.2933

Details

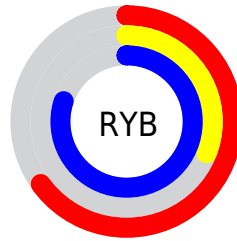
The Android color `4289024205` is a light color, and the websafe version is hex `9933CC`. The color can be described as light muted purple. A complement of this color would be `4286106960`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4292839167`, and `4285339542` is the 20% darker color. If you saturate the color by 10%, you get `4288560333`, and if you desaturate by 10%, it is `4289488333`.

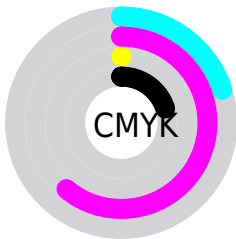
Distribution



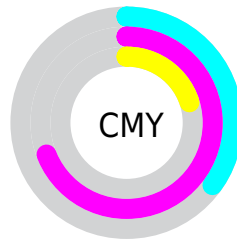
- Red (65%)
- Green (31%)
- Blue (80%)



- Red (65%)
- Yellow (31%)
- Blue (80%)



- Cyan (20%)
- Magenta (61%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (69%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289024205 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 4289024205 by changing the saturation by 10% instead.

 4289024205

 4289024205

4294967295

 4287182257

 4292839167

 4285339542

 4294746623

 4283564156

 4294950399

 4281794658

 4294957823

 4280221770

 4294965247

 4278190130

 4278190364

 4278190080

 4289024205

 4289024205

■ 4288560333

■ 4289488333

■ 4288161741

■ 4289886669

■ 4287697869

■ 4290350797

■ 4287299789

■ 4290749133

■ 4291213261

■ 4291611597

■ 4292075725

■ 4292474061

■ 4292935629

Harmonies

Analogous

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



4278219249



4289024205



4292355987

Triad

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



4289024205



4289030656



4278227355

Complementary

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



4289024205



4286106960

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.



4278227032



4289024205



4285365760

Square

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



4289024205



4291774996



4278225420



4278226899

Rectangle

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



4289024205



4293073769



4278225420



4278227333

Sweetspot

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



4289024205



4293972479



4283464397



4286014336



4278190080



4286611584

Same Dimension

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



4289024205



4290987519



4291645624



4284701798



4285595814



4279894054

Inverse Universe

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



4291645560



4294919552



4283485541



4284898399



4289069109



4280680460

Previews

White Background



This preview shows how the Android color 4289024205 looks on a white background.

Color Contrast Check

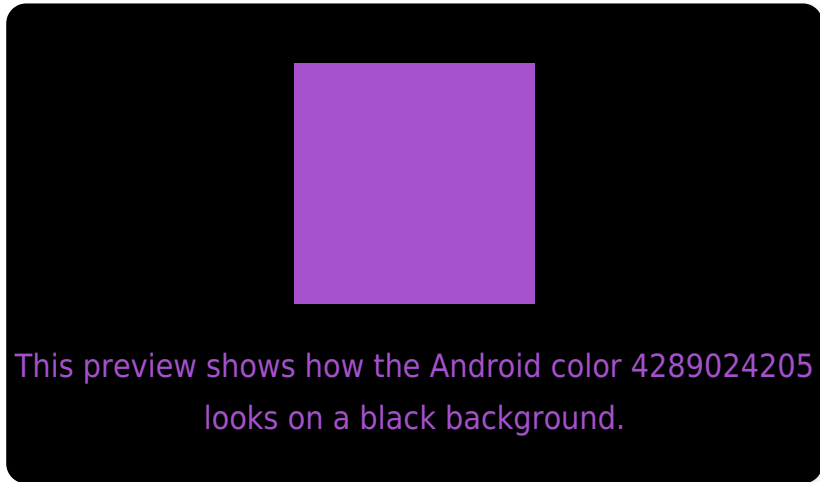
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

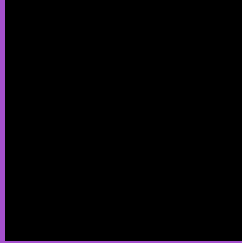
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4289024205 Background



This preview shows how black text looks on a background with the Android color 4289024205.




This preview shows how white text looks on a background with the Android color 4289024205.

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





Tritanopia
4288113266

Trichromacy



Original Color

4289024205



Protanomaly

4283262691



Deuteranomaly

4284836297



Tritanomaly

4288438675

Monochromacy



Original Color

4289024205



Achromatopsia

4286085240



Achromatomaly

4287130007

CSS Examples

Text

The CSS property to change the color of the text to Android 4289024205 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(165, 80, 205)` looks like.

```
.text, #text, p{  
    color:rgb(165, 80, 205)  
}
```

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(165, 80, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 80, 205) }
```

Border

The CSS property to change the border of an element to Android 4289024205 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(165, 80, 205) }
```

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

```
.border{ border-color:rgb(165, 80, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 80, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 80, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 80, 205);  
box-shadow:4px 4px 4px 4px rgb(165, 80,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4289024205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 80, 205) }
```

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

```
.background{ background-color: rgb(165, 80,  
205) }
```

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