

Converting Colors

Android(4289494242)

Have a look what the booklet for
Android(4289494242) contains.

Android(4289494242)	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(4289494242)

Conversions

Conversions Part 1

Format	Color
Hex	AC7CE2
RGB	172, 124, 226
RGB Percent	67%, 49%, 89%
CMY	0.3255, 0.5137, 0.1137
CMYK	0.24, 0.45, 0.00, 0.11
HSL	268°, 64%, 69%
HSV	268°, 45%, 89%
XYZ	37.9484, 28.6769, 75.4866
YIQ	149.9800, -4.1340, 41.8980

Conversions

Conversions Part 2

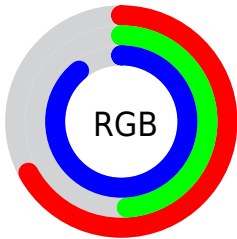
Format	Color
R_{YB}	172, 124, 226
Decimal	11304162
CIE _{Lab}	60.50, 38.45, -45.12
CIE _{LCh}	60, 59.285, 310.438
Yxy	28.6769, 0.2670, 0.2018
Android (android.graphics.Color)	4289494242 (0xFFAC7CE2)
YUV	149.9800, 37.4779, 19.3115
Hunter-Lab	53.5509, 32.7786, -46.0910

Details

The Android color `4289494242` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4289913468`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4293243391`, and `4285876906` is the 20% darker color. If you saturate the color by 10%, you get `4288701922`, and if you desaturate by 10%, it is `4290286562`.

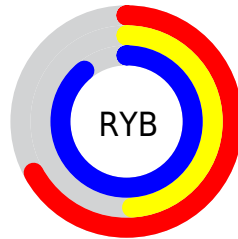
Distribution



Red (67%)

Green (49%)

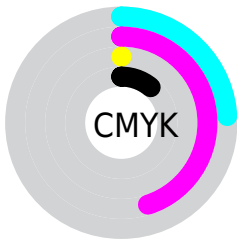
Blue (89%)



Red (67%)

Yellow (49%)

Blue (89%)

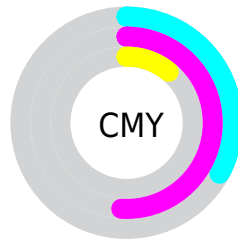


Cyan (24%)

Magenta (45%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (51%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289494242 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 4289494242 by changing the saturation by 10% instead.

 4289494242

 4289494242

4294967295

 4287652550

 4293243391

 4285876906

 4294954495

 4284101263

 4294961919

 4282391157

 4280615260

 4279107652

 4278190892

 4278190359

 4278190080

 4289494242

 4289494242

 4288701922

 4290286562

 4287909858

 4291078626

 4287117538

 4291870946

 4286325474

 4292663010

 4285533154

 4293455330

 4285137122

 4294246370

 4294967266

Harmonies

Analogous

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



4282946297



4289494242



4292831158

Triad

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



4289494242



4291396394



4278234019

Complementary

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



4289494242



4289913468

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.



4278233453



4289494242



4288451869

Square

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



4289494242



4293357136



4284719677



4278233557

Rectangle

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



4289494242



4293812371



4284719677



4278234001

Sweetspot

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



4289494242



4293712895



4286362338



4285819520



4278190080



4286611584

Same Dimension

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



4289494242



4290147839



4292836578



4285162864



4283629744



4279697456

Inverse Universe

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



4293033138



4294931902



4286571132



4285556075



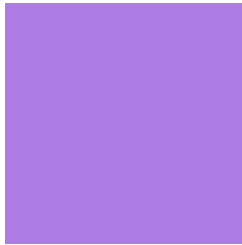
4289724509



4281335834

Previews

White Background



This preview shows how the Android color 4289494242 looks on a white background.

Color Contrast Check

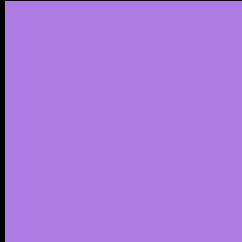
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4289494242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

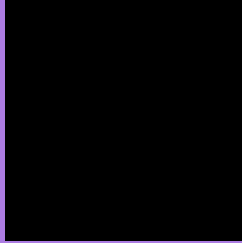
Any Text WCAG AA ✓ Pass

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 4289494242 Background



This preview shows how black text looks on a background with the Android color 4289494242.



This preview shows how white text looks on a background with the Android color 4289494242.

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



Trichromacy



Original Color

4289494242



Protanomaly

4286679277



Deuteranomaly

4286941663



Tritanomaly

4288972723

Monochromacy



Original Color

4289494242



Achromatopsia

4288059030



Achromatomaly

4288581042

CSS Examples

Text

The CSS property to change the color of the text to Android 4289494242 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(172, 124, 226)` looks like.

```
.text, #text, p{  
    color:rgb(172, 124, 226)  
}
```

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(172, 124, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 124, 226) }
```

Border

The CSS property to change the border of an element to Android 4289494242 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(172, 124, 226) }
```

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

```
.border{ border-color:rgb(172, 124, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 124, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 124, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 124, 226); box-shadow:4px 4px 4px 4px rgb(172, 124, 226) }
```

Background

The CSS property to change the background color of an element to Android 4289494242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 124, 226) }
```

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

```
.background{ background-color: rgb(172,  
124, 226) }
```

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