

Converting Colors

Android(4289953748)

Have a look what the booklet for
Android(4289953748) contains.

Android(4289953748)	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(4289953748)

Conversions

Conversions Part 1

Format	Color
Hex	B37FD4
RGB	179, 127, 212
RGB Percent	70%, 50%, 83%
CMY	0.2980, 0.5020, 0.1686
CMYK	0.16, 0.40, 0.00, 0.17
HSL	277°, 50%, 66%
HSV	277°, 40%, 83%
XYZ	38.0634, 29.5159, 65.9783
YIQ	152.2380, 3.7070, 37.4590

Conversions

Conversions Part 2

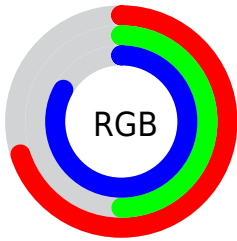
Format	Color
RYB	179, 127, 212
Decimal	11763668
CIELab	61.23, 35.64, -36.08
CIElCh	61, 50.716, 314.649
Yxy	29.5159, 0.2850, 0.2210
Android (android.graphics.Color)	4289953748 (0xFFB37FD4)
YUV	152.2380, 29.4627, 23.4703
Hunter-Lab	54.3286, 29.9850, -33.9737

Details

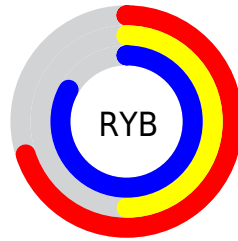
The Android color `4289953748` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4288730239`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4293703167`, and `4286401949` is the 20% darker color. If you saturate the color by 10%, you get `4289424084`, and if you desaturate by 10%, it is `4290483412`.

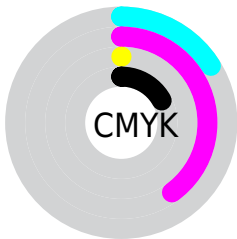
Distribution



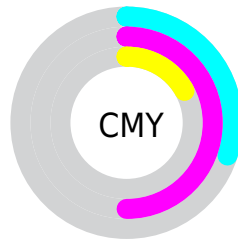
- Red (70%)
- Green (50%)
- Blue (83%)



- Red (70%)
- Yellow (50%)
- Blue (83%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289953748 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 4289953748 by changing the saturation by 10% instead.

 4289953748

 4289953748

4294967295

 4288112056

 4293703167

 4286401949

 4294955263

 4284691587

 4294962687

 4282981737

 4281336912

 4280025145

 4278190627

 4278190089

 4278190080

 4289953748

 4289953748


 4289424084

 4290483412

 4288894420

 4291013076

 4288298964

 4291608532

 4287769300

 4292138196

 4287239636

 4292667860

 4286709972

 4293197524

 4293787604

 4294311892

 4294836180

Harmonies

Analogous

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



4285370859



4289953748



4292505773

Triad

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



4289953748



4290808123



4278233769

Complementary

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



4289953748



4288730239

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.



4278233467



4289953748



4288190520

Square

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



4289953748



4292704343



4284851025



4278233042

Rectangle

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



4289953748



4293291151



4284851025



4278233754

Sweetspot

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



4289953748



4294172927



4286554580



4286148224



4278190080



4286611584

Same Dimension

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



4289953748



4291790335



4292116428



4284964971



4285071531



4279959595

Inverse Universe

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



4292116384



4294935988



4286567559



4285227109



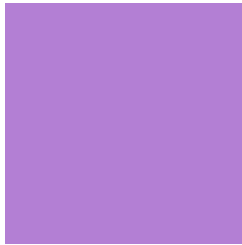
4289396802



4281008145

Previews

White Background



This preview shows how the Android color 4289953748 looks on a white background.

Color Contrast Check

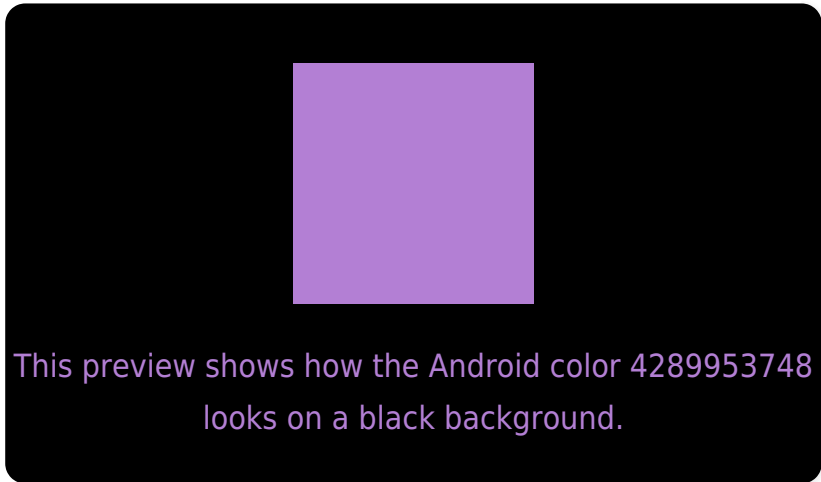
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

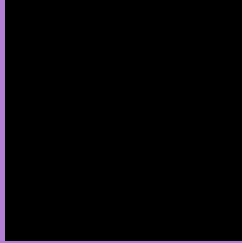
Any Text WCAG AA ✓ Pass

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 4289953748 Background



This preview shows how black text looks on a background with the Android color 4289953748.




This preview shows how white text looks on a background with the Android color 4289953748.

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
4289301655

Trichromacy



Original Color
4289953748



Protanomaly
4287466206



Deuteranomaly
4287794129



Tritanomaly
4289562541

Monochromacy



Original Color
4289953748



Achromatopsia
4288190616



Achromatomaly
4288843694

CSS Examples

Text

The CSS property to change the color of the text to Android 4289953748 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(179, 127, 212)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 212)  
}
```

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(179, 127, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 212) }
```

Border

The CSS property to change the border of an element to Android 4289953748 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(179, 127, 212) }
```

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

```
.border{ border-color:rgb(179, 127, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 127, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 127, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 127, 212);  
box-shadow:4px 4px 4px 4px rgb(179, 127,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4289953748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 212) }
```

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

```
.background{ background-color: rgb(179,  
127, 212) }
```

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