Converting Colors

Android(4284742549)

Have a look what the booklet for Android(4284742549) contains.

Color

Android(4284742549)

Conversions

Conversions Part 1

Format	Color
Hex	63FB95
RGB	99, 251, 149
RGB Percent	39%, 98%, 58%
CMY	0.6118, 0.0157, 0.4157
CMYK	0.61, 0.00, 0.41, 0.02
HSL	140°, 95%, 69%
HSV	140°, 61%, 98%
XYZ	45.0676, 73.8169, 40.3066
YIQ	193.9240, -57.8500, -63.9460

Conversions

Conversions Part 2

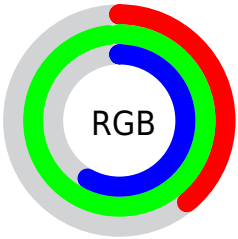
Format	Color
RYB	99, 213, 251
Decimal	6552469
CIELab	88.84, -61.99, 37.15
CIELCh	89, 72.264, 149.067
Yxy	73.8169, 0.2831, 0.4637
Android (android.graphics.Color)	4284742549 (0xFF63FB95)
YUV	193.9240, -22.1475, -83.2483
Hunter-Lab	85.9168, -56.7223, 32.3267

Details

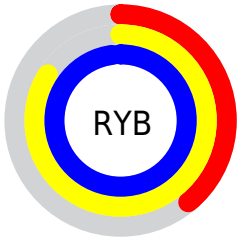
The Android color 4284742549 is a light color, and the websafe version is hex 66FF99. A complement of this color would be 4294665161, and the grayscale version is 4290953922.

A 20% lighter version of the original color is 4288872396, and 4278370657 is the 20% darker color. If you saturate the color by 10%, you get 4283104132, and if you desaturate by 10%, it is 4286380966.

Distribution

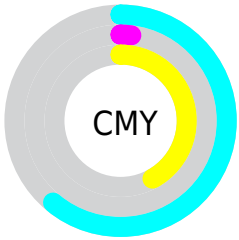


- Red (39%)
- Green (98%)
- Blue (58%)



- Red (39%)
- Yellow (84%)
- Blue (98%)

- Cyan (61%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284742549 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 4284742549 by changing the saturation by 10% instead.

4284742549

4294967295

4288872396

4290838505

4292870143

4294901759

4284742549

4282441339

4278370657

4278232392

4278225455

4278218518

4278212096

4278205696

4278199552

4278190080

4284742549

4283104132

4281465715

4279827298

4278254419

4284742549

4286380966

4288019383

4289657800

4291296216

4293000169

4294638586

4294966271

Harmonies

Analogous

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

4290965343

4284742549

4278255579

Triad

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

4284742549

4280936447

4294945184

Complementary

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

4284742549

4294665161

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.

4294943204

4284742549

4292726527

Square

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

4284742549

4278253823

4294947583

4294951273

Rectangle

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

4284742549

4278255615

4294947583

4294943926

Sweetspot

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

4284742549

4291952608

4291558243

4284711021

4278190080

4286611584

Same Dimension

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

4284742549

4282777474

4284742623

4285562229

4278238526

4278205716

Inverse Universe

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

4294665161

4294919618

4294665087

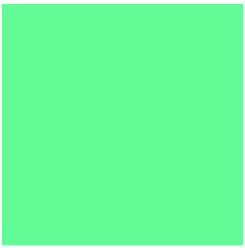
4286410873

4290576511

4282187817

Previews

White Background

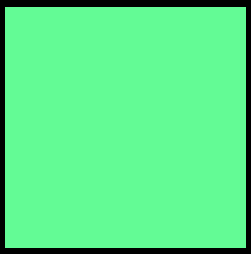


This preview shows how the Android color 4284742549 looks on a white background.

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

Black Background



This preview shows how the Android color 4284742549 looks on a black background.

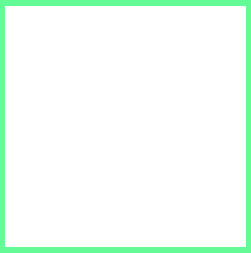
Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4284742549 Background

This preview shows how black text looks on a background with the Android color 4284742549.



This preview shows how white text looks on a background with the Android color 4284742549.

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

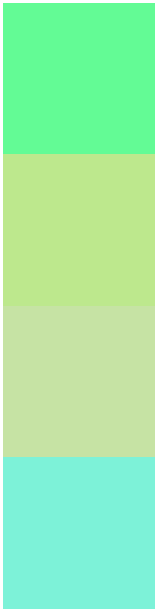
Original Color
4284742549

Protanopia
4294040969

Deuteranopia
4294956717

Tritanopia
4287426047

Trichromacy



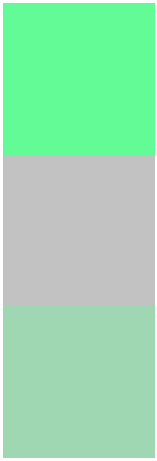
Original Color
4284742549

Protanomaly
4290635917

Deuteranomaly
4291224484

Tritanomaly
4286444248

Monochromacy



Original Color
4284742549

Achromatopsia
4290953922

Achromatomaly
4288665522

CSS Examples

Text

The CSS property to change the color of the text to Android 4284742549 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(99, 251, 149) looks like.

```
.text, #text, p{
    color:rgb(99, 251, 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(99, 251, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 251, 149) }
```

Border

The CSS property to change the border of an element to Android 4284742549 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(99, 251, 149) }
```

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

```
.border{ border-color:rgb(99, 251, 149) }
```

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

Here you see how a box with a 4 pixel rgb(99, 251, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 251, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 251, 149); box-shadow:4px 4px 4px 4px rgb(99, 251, 149) }
```

Background

The CSS property to change the background color of an element to Android 4284742549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(99, 251, 149) }
```

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

```
.background{ background-color:rgb(99, 251,
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.

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