

Converting Colors

Android(4284783350)

Have a look what the booklet for
Android(4284783350) contains.

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Color

Android(4284783350)

Conversions

Conversions Part 1

Format	Color
Hex	649AF6
RGB	100, 154, 246
RGB Percent	39%, 60%, 96%
CMY	0.6078, 0.3961, 0.0353
CMYK	0.59, 0.37, 0.00, 0.04
HSL	218°, 89%, 68%
HSV	218°, 59%, 96%
XYZ	33.4457, 32.4743, 91.6942
YIQ	148.3420, -61.7160, 17.1640

Conversions

Conversions Part 2

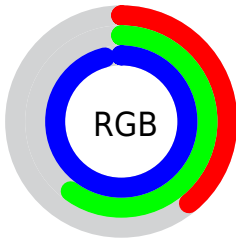
Format	Color
R_{YB}	100, 139, 246
Decimal	6593270
CIE Lab	63.73, 9.32, -51.40
CIE LCh	64, 52.235, 280.278
Yxy	32.4743, 0.2122, 0.2060
Android (android.graphics.Color)	4284783350 (0xFF649AF6)
YUV	148.3420, 48.1454, -42.3959
Hunter-Lab	56.9863, 5.0371, -55.5106

Details

The Android color `4284783350` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294361188`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4288794879`, and `4279723965` is the 20% darker color. If you saturate the color by 10%, you get `4283140854`, and if you desaturate by 10%, it is `4286425846`.

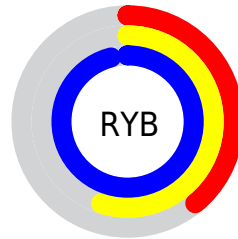
Distribution



Red (39%)

Green (60%)

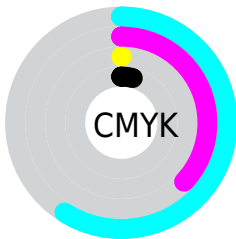
Blue (96%)



Red (39%)

Yellow (55%)

Blue (96%)

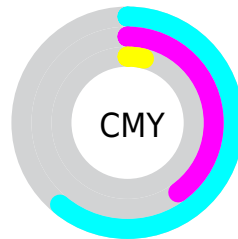


Cyan (59%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (61%)

Magenta (40%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284783350 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 4284783350 by changing the saturation by 10% instead.

 4284783350

 4284783350

4294967295

 4282613977

 4288794879

 4279723965

 4290768127

 4278210722

 4292739071

 4278205063

 4294705151

 4278199661

 4278194260

 4278191676

 4278190630

 4278190350

■ 4284783350

■ 4284783350

■ 4283140854

■ 4286425846

■ 4281564150

■ 4288002550

■ 4279921654

■ 4289645046

■ 4278344950

■ 4291221750

■ 4278213622

■ 4292864246

■ 4294506486

■ 4294967286

Harmonies

Analogous

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



4278233330



4284783350



4289890530

Triad

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



4284783350



4293491808



4280266617

Complementary

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



4284783350



4294361188

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.



4285770064



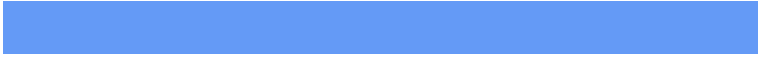
4284783350



4291726657

Square

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



4284783350



4294013580



4289043769



4278235817

Rectangle

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



4284783350



4292115657



4289043769



4282822250

Sweetspot

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



4284783350



4291945215



4284806846



4284706432



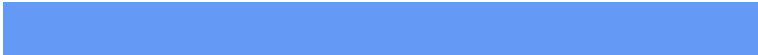
4278190080



4286611584

Same Dimension

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



4284783350



4283076095



4285883638



4285428602



4278207930



4278195771

Inverse Universe

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



4294337690



4294920845



4293260900



4286213747



4290379845



4282056726

Previews

White Background



This preview shows how the Android color 4284783350 looks on a white background.

Color Contrast Check

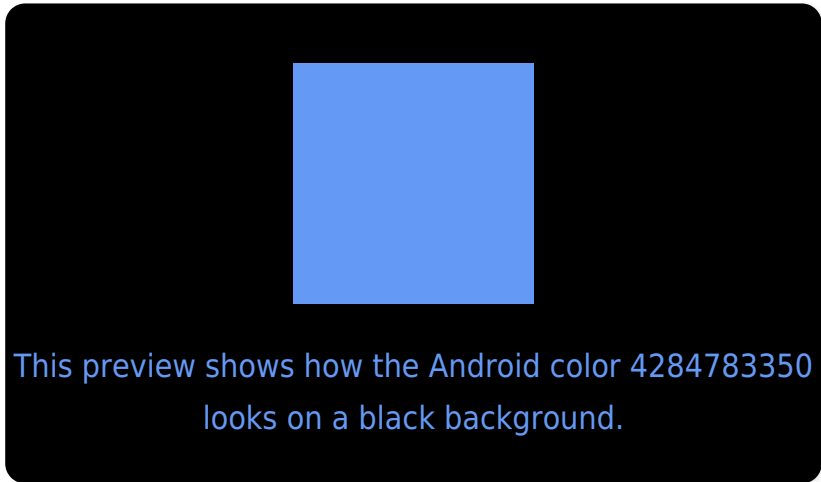
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

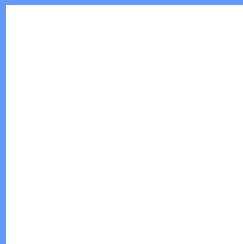
Any Text WCAG AAA ✓ Pass

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

Android 4284783350 Background



This preview shows how black text looks on a background with the Android color 4284783350.



This preview shows how white text looks on a background with the Android color 4284783350.

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
4284783350

Protanomaly
4285569268

Deuteranomaly
4284783350

Tritanomaly
4283605709

Monochromacy



Original Color
4284783350

Achromatopsia
4287927444

Achromatomaly
4286813880

CSS Examples

Text

The CSS property to change the color of the text to Android 4284783350 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(100, 154, 246)` looks like.

```
.text, #text, p{  
    color:rgb(100, 154, 246)  
}
```

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(100, 154, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 154, 246) }
```

Border

The CSS property to change the border of an element to Android 4284783350 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(100, 154, 246) }
```

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

```
.border{ border-color:rgb(100, 154, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 154, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 154, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 154, 246);  
box-shadow:4px 4px 4px 4px rgb(100, 154,  
246) }
```

Background

The CSS property to change the background color of an element to Android 4284783350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 154, 246) }
```

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

```
.background{ background-color: rgb(100,  
154, 246) }
```

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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