

Converting Colors

Android(4285041643)

Have a look what the booklet for
Android(4285041643) contains.

Android(4285041643)	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(4285041643)

Conversions

Conversions Part 1

Format	Color
Hex	688BEB
RGB	104, 139, 235
RGB Percent	41%, 55%, 92%
CMY	0.5922, 0.4549, 0.0784
CMYK	0.56, 0.41, 0.00, 0.08
HSL	224°, 77%, 66%
HSV	224°, 56%, 92%
XYZ	29.9369, 27.4065, 82.3094
YIQ	139.4790, -51.6760, 22.4360

Conversions

Conversions Part 2

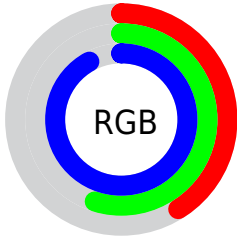
Format	Color
RYB	104, 132, 235
Decimal	6851563
CIELab	59.35, 15.41, -52.28
CIELCh	59, 54.505, 286.429
Yxy	27.4065, 0.2144, 0.1962
Android (android.graphics.Color)	4285041643 (0xFF688BEB)
YUV	139.4790, 47.0919, -31.1151
Hunter-Lab	52.3512, 10.4604, -56.5732

Details

The Android color `4285041643` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293642344`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4288921855`, and `4280572595` is the 20% darker color. If you saturate the color by 10%, you get `4283529963`, and if you desaturate by 10%, it is `4286553323`.

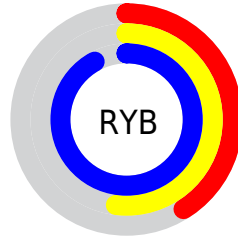
Distribution



Red (41%)

Green (55%)

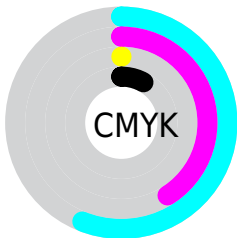
Blue (92%)



Red (41%)

Yellow (52%)

Blue (92%)

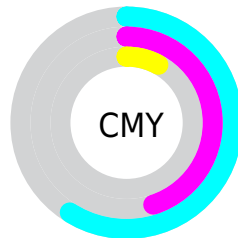


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (59%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285041643 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 4285041643 by changing the saturation by 10% instead.

 4285041643

 4285041643

4294967295

 4283003598

 4288921855

 4280572595

 4290829567

 4278207383

 4292802815

 4278201725

 4294770687

 4278196835

 4278190155

 4278191155

 4278190621

 4278190080

■ 4285041643

■ 4285041643

■ 4283529963

■ 4286553323

■ 4281952747

■ 4288130539

■ 4280375275

■ 4289708011

■ 4278863595

■ 4291219691

■ 4278206443

■ 4292731371

■ 4294308587

■ 4294967275

Harmonies

Analogous

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



4278229740



4285041643



4289951697

Triad

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



4285041643



4292506187



4278232439

Complementary

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



4285041643



4293642344

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.



4283998025



4285041643



4290479405

Square

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



4285041643



4293354614



4287599915



4278232745

Rectangle

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



4285041643



4291914678



4287599915



4279149415

Sweetspot

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



4285041643



4292141055



4285066182



4284902784



4278190080



4286611584

Same Dimension

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



4285041643



4283728639



4286867691



4285164917



4278202549



4278193718

Inverse Universe

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



4293617803



4294923394



4291816296



4285885037



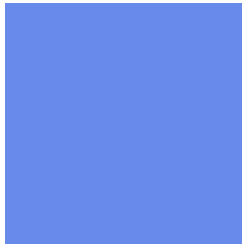
4290052144



4281729038

Previews

White Background



This preview shows how the Android color 4285041643 looks on a white background.

Color Contrast Check

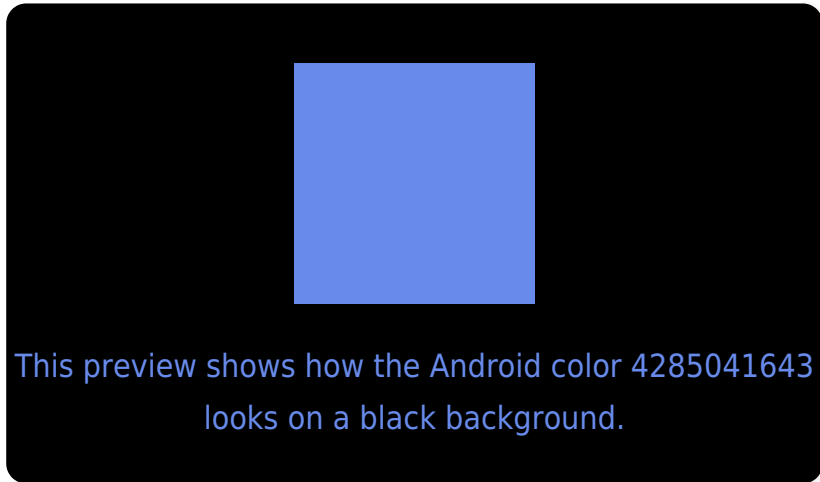
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285041643 Background



This preview shows how black text looks on a background with the Android color 4285041643.



This preview shows how white text looks on a background with the Android color 4285041643.

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

4285041643

Protanopia

4284976107

Deuteranopia

4283731946

Trichromacy



Original Color
4285041643

Protanomaly
4284976107

Deuteranomaly
4284190442

Tritanomaly
4283930047

Monochromacy



Original Color
4285041643

Achromatopsia
4287335307

Achromatomaly
4286483374

CSS Examples

Text

The CSS property to change the color of the text to Android 4285041643 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(104, 139, 235)` looks like.

```
.text, #text, p{  
    color:rgb(104, 139, 235)  
}
```

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(104, 139, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 139, 235) }
```

Border

The CSS property to change the border of an element to Android 4285041643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

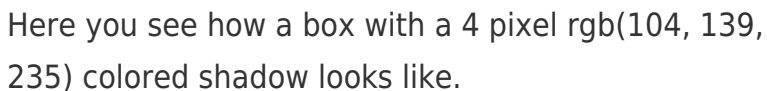
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 139, 235) }
```

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

```
.border{ border-color:rgb(104, 139, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(104, 139, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 139, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 139, 235); box-shadow:4px 4px 4px 4px rgb(104, 139, 235) }
```

Background

The CSS property to change the background color of an element to Android 4285041643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 139, 235) }
```

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

```
.background{ background-color: rgb(104,  
139, 235) }
```

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