

Converting Colors

Android(4285218549)

Have a look what the booklet for
Android(4285218549) contains.

Android(4285218549)	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>	28

Color

Android(4285218549)

Conversions

Conversions Part 1

Format	Color
Hex	6B3EF5
RGB	107, 62, 245
RGB Percent	42%, 24%, 96%
CMY	0.5804, 0.7569, 0.0392
CMYK	0.56, 0.75, 0.00, 0.04
HSL	255°, 90%, 60%
HSV	255°, 75%, 96%
XYZ	24.2675, 13.1636, 87.6480
YIQ	96.3170, -31.9230, 66.4530

Conversions

Conversions Part 2

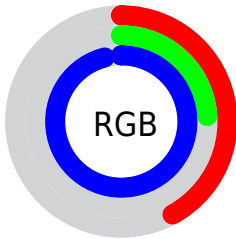
Format	Color
R_{YB}	107, 62, 245
Decimal	7028469
CIE _{Lab}	43.01, 62.85, -84.31
CIE _{LCh}	43, 105.158, 306.704
Yxy	13.1636, 0.1940, 0.1052
Android (android.graphics.Color)	4285218549 (0xFF6B3EF5)
YUV	96.3170, 73.3007, 9.3690
Hunter-Lab	36.2817, 55.8989, -117.8334

Details

The Android color `4285218549` is a dark color, and the websafe version is hex `6633FF`. The color can be described as middle washed purple. A complement of this color would be `4291360062`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4289360639`, and `4279763387` is the 20% darker color. If you saturate the color by 10%, you get `4284032757`, and if you desaturate by 10%, it is `4286404597`.

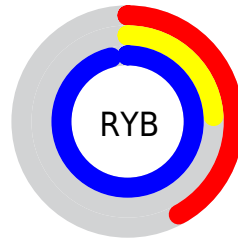
Distribution



Red (42%)

Green (24%)

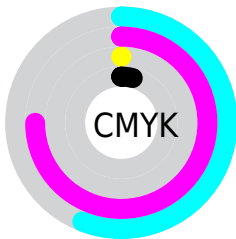
Blue (96%)



Red (42%)

Yellow (24%)

Blue (96%)

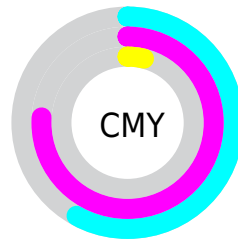


Cyan (56%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (58%)

Magenta (76%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285218549 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 4285218549 by changing the saturation by 10% instead.

 4285218549

 4285218549

4294967295

 4282917848

 4289360639

 4279763387

 4291399167

 4278190239

 4293437951

 4278190212

 4294952447

 4278190186

 4294959615

 4278192720

 4278191416

 4278190626

 4278190088

■ 4285218549

■ 4285218549

■ 4284032757

■ 4286404597

■ 4282781173

■ 4287655925

■ 4282122485

■ 4288841973

■ 4290093301

■ 4291279349

■ 4292530677

■ 4293716725

■ 4294967285

Harmonies

Analogous

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



4278218495



4285218549



4292149420

Triad

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



4285218549



4289741568



4278223992

Complementary

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



4285218549



4291360062

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.



4278223122



4285218549



4285229312

Square

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



4285218549



4292935680



4278221312



4278224334

Rectangle

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



4285218549



4293787763



4278221312



4278223705

Sweetspot

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



4285218549



4292200447



4282305269



4284964480



4278190080



4286611584

Same Dimension

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



4285218549



4283570687



4291051253



4285623930



4281204922



4279107643

Inverse Universe

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



4294262472



4294908359



4285527358



4286213751



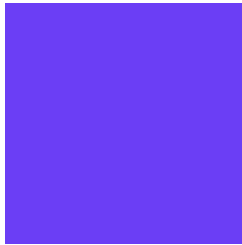
4290379916



4282056748

Previews

White Background



This preview shows how the Android color 4285218549 looks on a white background.

Color Contrast Check

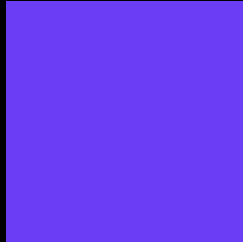
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4285218549 looks on a black 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

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

Android 4285218549 Background



This preview shows how black text looks on a background with the Android color 4285218549.

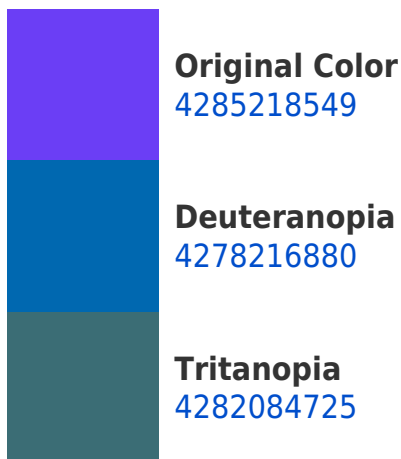


This preview shows how white text looks on a background with the Android color 4285218549.

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
4285218549

Deuteranomaly
4280768969

Tritanomaly
4283194532

Monochromacy



Original Color
4285218549

Achromatopsia
4284506208

Achromatomaly
4284765334

CSS Examples

Text

The CSS property to change the color of the text to Android 4285218549 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(107, 62, 245)` looks like.

```
.text, #text, p{  
    color:rgb(107, 62, 245)  
}
```

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(107, 62, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 62, 245) }
```

Border

The CSS property to change the border of an element to Android 4285218549 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(107, 62, 245) }
```

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

```
.border{ border-color:rgb(107, 62, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 62, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 62, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 62, 245);  
box-shadow:4px 4px 4px 4px rgb(107, 62,  
245) }
```

Background

The CSS property to change the background color of an element to Android 4285218549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 62, 245) }
```

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

```
.background{ background-color: rgb(107, 62,  
245) }
```

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