

Converting Colors

Android(4285826003)

Have a look what the booklet for
Android(4285826003) contains.

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Color

Android(4285826003)

Conversions

Conversions Part 1

Format	Color
Hex	7483D3
RGB	116, 131, 211
RGB Percent	45%, 51%, 83%
CMY	0.5451, 0.4863, 0.1725
CMYK	0.45, 0.38, 0.00, 0.17
HSL	231°, 52%, 64%
HSV	231°, 45%, 83%
XYZ	27.0766, 24.6488, 64.9586
YIQ	135.6350, -34.6200, 21.7000

Conversions

Conversions Part 2

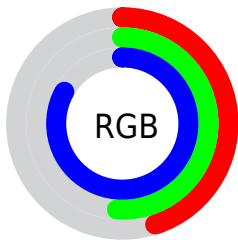
Format	Color
R _Y B	116, 129, 211
Decimal	7635923
CIE Lab	56.73, 15.50, -42.97
CIE LCh	57, 45.676, 289.832
Yxy	24.6488, 0.2321, 0.2112
Android (android.graphics.Color)	4285826003 (0xFF7483D3)
YUV	135.6350, 37.1549, -17.2199
Hunter-Lab	49.6475, 10.4667, -42.8215

Details

The Android color `4285826003` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4292068468`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4289509631`, and `4282143388` is the 20% darker color. If you saturate the color by 10%, you get `4284445139`, and if you desaturate by 10%, it is `4287206867`.

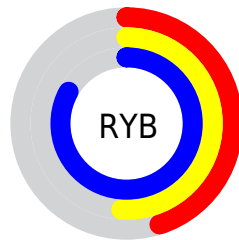
Distribution



Red (45%)

Green (51%)

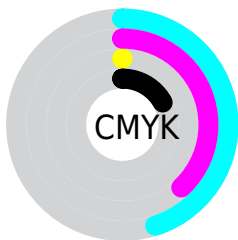
Blue (83%)



Red (45%)

Yellow (51%)

Blue (83%)

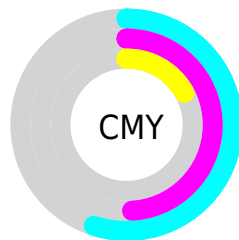


Cyan (45%)

Magenta (38%)

Yellow (0%)

Black (17%)



Cyan (55%)

Magenta (49%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285826003 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 4285826003 by changing the saturation by 10% instead.

 4285826003

 4285826003

4294967295

 4283984567

 4289509631

 4282143388

 4291351551

 4280040322

 4293325055

 4278199912

 4278195023

 4278191160

 4278190625

 4278190087

 4278190080

■ 4285826003

■ 4285826003

■ 4284445139

■ 4287206867

■ 4283064275

■ 4288587731

■ 4281683667

■ 4289968339

■ 4280302803

■ 4291349203

■ 4278921939

■ 4292730067

■ 4278198739

■ 4294176467

■ 4294967251

Harmonies

Analogous

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



4278227158



4285826003



4289491900

Triad

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



4285826003



4291195469



4278229881

Complementary

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



4285826003



4292068468

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.



4283864915



4285826003



4289429815

Square

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



4285826003



4291979119



4286942777



4278230178

Rectangle

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



4285826003



4290996900



4286942777



4280785515

Sweetspot

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



4285826003



4292600319



4285846467



4285164928



4278190080



4286611584

Same Dimension

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



4285826003



4285893631



4287919315



4284375145



4278197160



4278191657

Inverse Universe

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



4292048003



4294931851



4289975156



4285095520



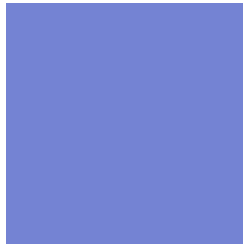
4289200155



4280877062

Previews

White Background



This preview shows how the Android color 4285826003 looks on a white background.

Color Contrast Check

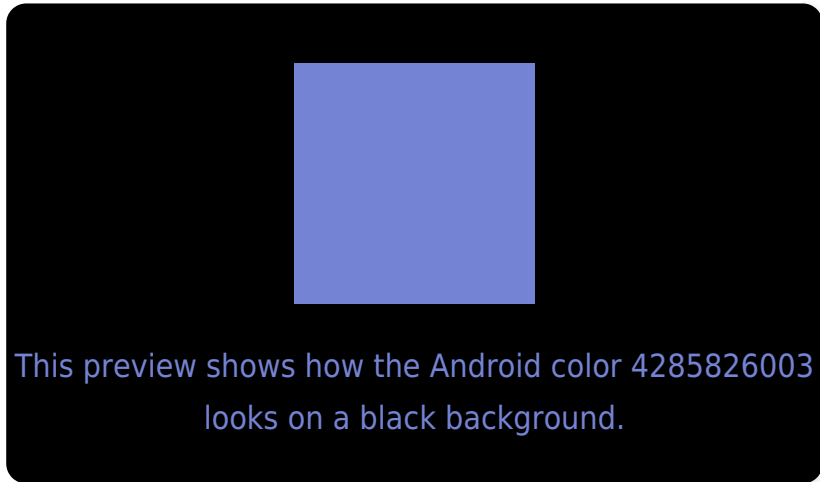
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285826003 Background



This preview shows how black text looks on a background with the Android color 4285826003.



This preview shows how white text looks on a background with the Android color 4285826003.

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

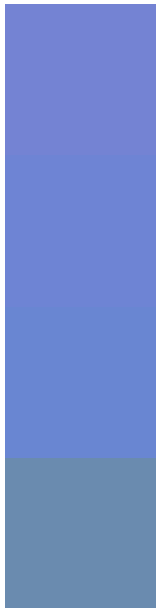


Original Color
4285826003

Protanopia
4285171157

Deuteranopia
4284647634

Trichromacy



Original Color
4285826003

Protanomaly
4285433044

Deuteranomaly
4285105874

Tritanomaly
4285172655

Monochromacy



Original Color
4285826003

Achromatopsia
4287137928

Achromatomaly
4286678691

CSS Examples

Text

The CSS property to change the color of the text to Android 4285826003 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(116, 131, 211)` looks like.

```
.text, #text, p{  
    color:rgb(116, 131, 211)  
}
```

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(116, 131, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 131, 211) }
```

Border

The CSS property to change the border of an element to Android 4285826003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

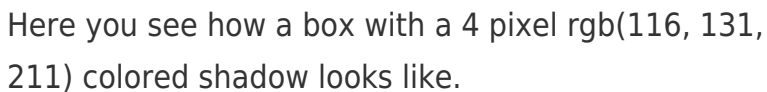
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 131, 211) }
```

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

```
.border{ border-color:rgb(116, 131, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 131, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 131, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 131, 211);  
box-shadow:4px 4px 4px 4px rgb(116, 131,  
211) }
```

Background

The CSS property to change the background color of an element to Android 4285826003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 131, 211) }
```

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

```
.background{ background-color: rgb(116,  
131, 211) }
```

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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