Converting Colors

Android(4285024931)

Have a look what the booklet for Android(4285024931) contains.

Android(4285024931) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Android(4285024931)

Conversions

Conversions Part 1

Format	Color
Hex	684AA3
RGB	104, 74, 163
RGB Percent	41%, 29%, 64%
CMY	0.5922, 0.7098, 0.3608
CMYK	0.36, 0.55, 0.00, 0.36
HSL	260°, 38%, 46%
HSV	260°, 55%, 64%
XYZ	14.7686, 10.4850, 35.8957
YIQ	93.1160, -10.6890, 34.0390

Conversions

Conversions Part 2

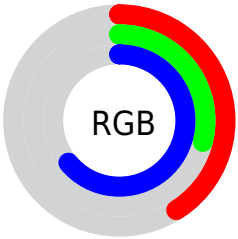
Format	Color
RYB	104, 74, 163
Decimal	6834851
CIELab	38.70, 33.03, -43.85
CIELCh	39, 54.903, 306.988
Yxy	10.4850, 0.2415, 0.1715
Android (android.graphics.Color)	4285024931 (0xFF684AA3)
YUV	93.1160, 34.4528, 9.5453
Hunter-Lab	32.3805, 24.7470, -43.0602

Details

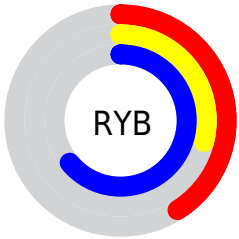
The Android color 4285024931 is a dark color, and the websafe version is hex 663399. A complement of this color would be 4286948170, and the grayscale version is 4284308829.

A 20% lighter version of the original color is 4288576731, and 4281539695 is the 20% darker color. If you saturate the color by 10%, you get 4284299939, and if you desaturate by 10%, it is 4285749923.

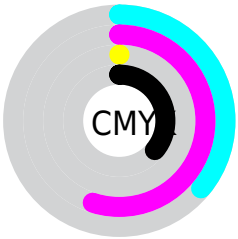
Distribution



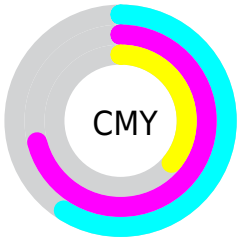
- Red (41%)
- Green (29%)
- Blue (64%)



- Red (41%)
- Yellow (29%)
- Blue (64%)



- Cyan (36%)
- Magenta (55%)
- Yellow (0%)
- Black (36%)



- Cyan (59%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285024931 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 4285024931 by changing the saturation by 10% instead.

4285024931

4294967295

4288576731

4290418423

4292325887

4294233343

4294961663

4285024931

4283315080

4281539695

4279633494

4278190142

4278190887

4278190352

4278190080

4285024931

4284299939

4285024931

4285749923

4283574691

4282915235

4282190243

4281794723

4286475171

4287134627

4287859619

4288584611

4289309859

4290034851

4290694307

4291419555

Harmonies

Analogous

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

4278214068

4285024931

4288164735

Triad

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

4285024931

4287253504

4278218597

Complementary

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

4285024931

4286948170

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.

4278218038

4285024931

4284833024

Square

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

4285024931

4288820776

4281689858

4278218384

Rectangle

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

4285024931

4289079394

4281689858

4278218325

Sweetspot

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

4285024931

4290622164

4283073955

4284372843

4293651435

4285229931

Same Dimension

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

4285024931

4286007508

4287908515

4283189586

4281401489

4278583314

Inverse Universe

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

4288891525

4292102309

4284064586

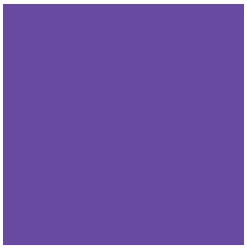
4283582799

4287692896

4279369740

Previews

White Background

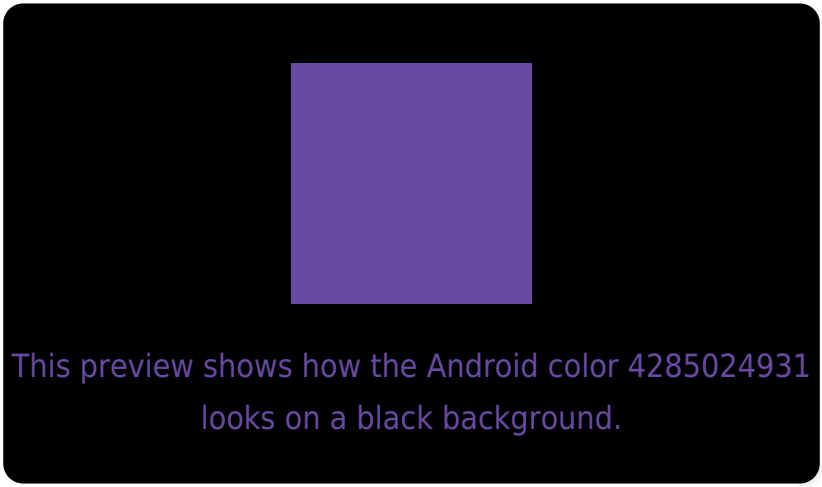


This preview shows how the Android color 4285024931 looks on a white background.

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

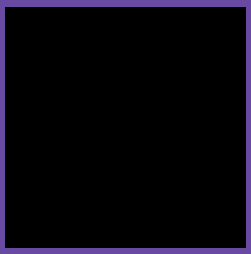


Color Contrast Check

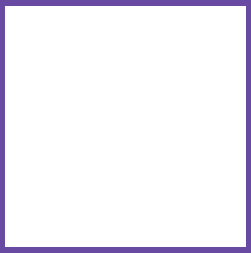
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

Android 4285024931 Background



This preview shows how black text looks on a background with the Android color 4285024931.



This preview shows how white text looks on a background with the Android color 4285024931.

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

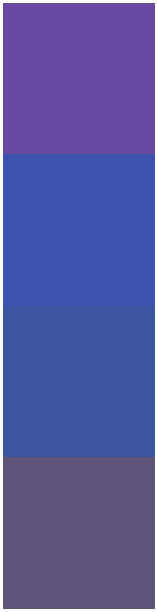
Original Color
4285024931

Protanopia
4280637618

Deuteranopia
4280573087

Tritanopia
4284111714

Trichromacy



Original Color
4285024931

Protanomaly
4282209197

Deuteranomaly
4282209696

Tritanomaly
4284437882

Monochromacy

Original Color
4285024931

Achromatopsia
4284308829

Achromatomaly
4284569206

CSS Examples

Text

The CSS property to change the color of the text to Android 4285024931 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, 74, 163) looks like.

```
.text, #text, p{
    color:rgb(104, 74, 163)
}
```

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, 74, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 74, 163) }
```

Border

The CSS property to change the border of an element to Android 4285024931 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, 74, 163) }
```

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

```
.border{ border-color:rgb(104, 74, 163) }
```

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

Here you see how a box with a 4 pixel rgb(104, 74, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 74, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 74, 163); box-shadow:4px 4px 4px 4px rgb(104, 74, 163) }
```

Background

The CSS property to change the background color of an element to Android 4285024931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(104, 74, 163) }
```

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

```
.background{ background-color:rgb(104, 74,
163) }
```

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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