

Converting Colors

Android(4284299101)

Have a look what the booklet for
Android(4284299101) contains.

Android(4284299101)	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(4284299101)

Conversions

Conversions Part 1

Format	Color
Hex	5D375D
RGB	93, 55, 93
RGB Percent	36%, 22%, 36%
CMY	0.6353, 0.7843, 0.6353
CMYK	0.00, 0.41, 0.00, 0.64
HSL	300°, 26%, 29%
HSV	300°, 41%, 36%
XYZ	7.8562, 5.8498, 11.0710
YIQ	70.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

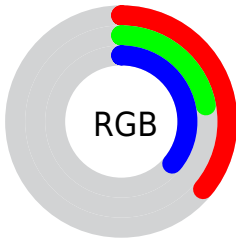
Format	Color
RYB	93, 55, 93
Decimal	6109021
CIELab	29.03, 23.70, -15.71
CIElCh	29, 28.438, 326.467
Yxy	5.8498, 0.3171, 0.2361
Android (android.graphics.Color)	4284299101 (0xFF5D375D)
YUV	70.6940, 10.9969, 19.5624
Hunter-Lab	24.1865, 15.6535, -10.2086

Details

The Android color `4284299101` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4281818423`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4287653775`, and `4281207599` is the 20% darker color. If you saturate the color by 10%, you get `4284296797`, and if you desaturate by 10%, it is `4284301405`.

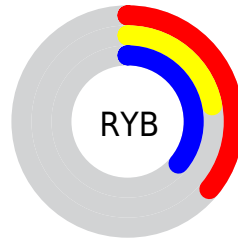
Distribution



Red (36%)

Green (22%)

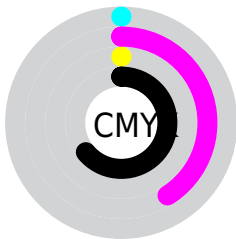
Blue (36%)



Red (36%)

Yellow (22%)

Blue (36%)

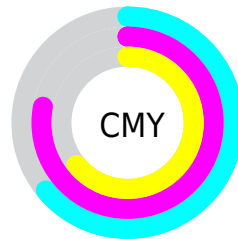


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (64%)



Cyan (64%)

Magenta (78%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284299101 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 4284299101 by changing the saturation by 10% instead.



4284299101



4284299101

4294967295



4282720581



4287653775



4281207599



4289429674



4279894042



4291271365



4278190080



4293113313



4294955518



4294962943



4284299101



4284299101



4284296797



4284301405

4284294237

4284303965

4284291933

4284306269

4284289629

4284308573

4284287325

4284311133

4284285021

4284313437

4284315741

4284318045

4284320605

Harmonies

Analogous

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



4282466412



4284299101



4285215304

Triad

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



4284299101



4283646487



4278210391

Complementary

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



4284299101



4281818423

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.



4278210369



4284299101



4282272027

Square

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



4284299101



4284758560



4280438059



4278209897

Rectangle

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



4284299101



4285411897



4280438059



4278210384

Sweetspot

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



4284299101



4286081400



4281808733



4282201405



4290624957



4282203453

Same Dimension

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



4284299101



4286070136



4284299082



4281215278



4285399150



4293722349

Inverse Universe

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



4284299101



4286070136



4281818442



4281215278



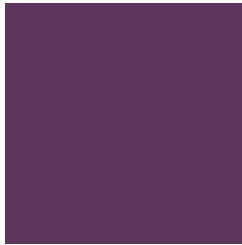
4285399150



4293722349

Previews

White Background



This preview shows how the Android color 4284299101 looks on a white background.

Color Contrast Check

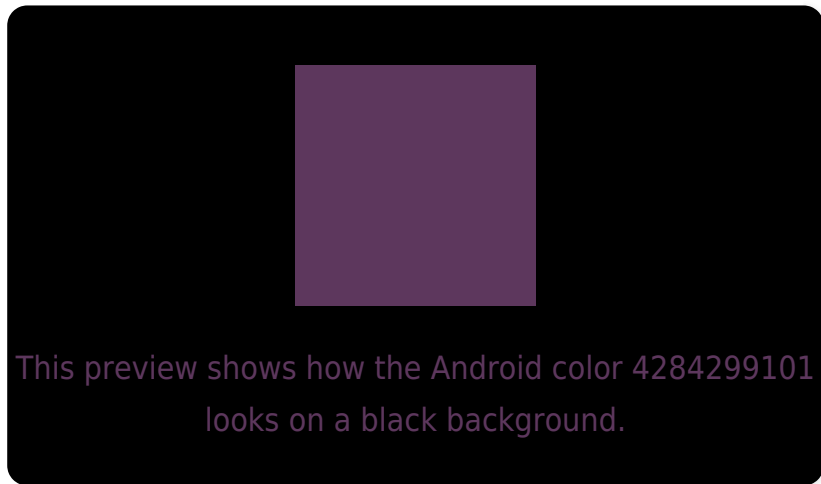
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

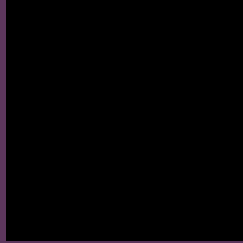
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4284299101 Background



This preview shows how black text looks on a background with the Android color 4284299101.



This preview shows how white text looks on a background with the Android color 4284299101.

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
4284299101

Protanopia
4281943143

Deuteranopia
4282401883

Trichromacy



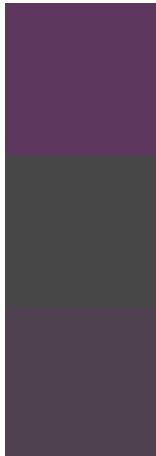
Original Color
4284299101

Protanomaly
4282793827

Deuteranomaly
4283121500

Tritanomaly
4284103500

Monochromacy



Original Color
4284299101

Achromatopsia
4282861383

Achromatomaly
4283384143

CSS Examples

Text

The CSS property to change the color of the text to Android 4284299101 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(93, 55, 93)` looks like.

```
.text, #text, p{  
    color:rgb(93, 55, 93)  
}
```

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(93, 55, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 55, 93) }
```

Border

The CSS property to change the border of an element to Android 4284299101 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(93, 55, 93) }
```

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

```
.border{ border-color:rgb(93, 55, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 55, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 55, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 55, 93);  
box-shadow:4px 4px 4px 4px rgb(93, 55, 93)  
}
```

Background

The CSS property to change the background color of an element to Android 4284299101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 55, 93) }
```

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

```
.background{ background-color: rgb(93, 55,  
93) }
```

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