

Converting Colors

Android(4283105963)

Have a look what the booklet for
Android(4283105963) contains.

Android(4283105963)	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(4283105963)

Conversions

Conversions Part 1

Format	Color
Hex	4B02AB
RGB	75, 2, 171
RGB Percent	29%, 1%, 67%
CMY	0.7059, 0.9922, 0.3294
CMYK	0.56, 0.99, 0.00, 0.33
HSL	266°, 98%, 34%
HSV	266°, 99%, 67%
XYZ	10.2740, 4.4795, 38.8512
YIQ	43.0930, -10.7410, 68.0350

Conversions

Conversions Part 2

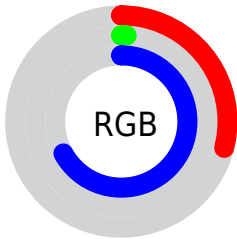
Format	Color
R _Y B	75, 2, 171
Decimal	4915883
CIE Lab	25.20, 60.60, -70.83
CIE LCh	25, 93.215, 310.553
Yxy	4.4795, 0.1917, 0.0836
Android (android.graphics.Color)	4283105963 (0xFF4B02AB)
YUV	43.0930, 63.0582, 27.9824
Hunter-Lab	21.1649, 49.6102, -94.0197

Details

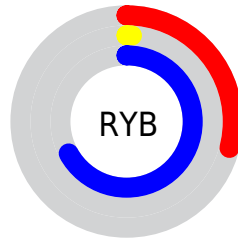
The Android color **4283105963** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4284656386**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4287054564**, and **4278190197** is the 20% darker color. If you saturate the color by 10%, you get **4283039915**, and if you desaturate by 10%, it is **4283765675**.

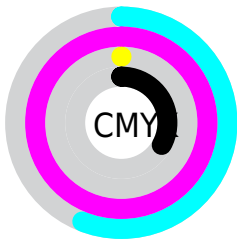
Distribution



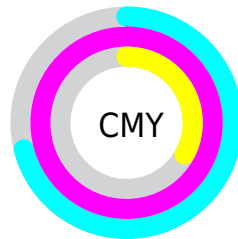
- Red (29%)
- Green (1%)
- Blue (67%)



- Red (29%)
- Yellow (1%)
- Blue (67%)



- Cyan (56%)
- Magenta (99%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (99%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283105963 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 4283105963 by changing the saturation by 10% instead.

 4283105963

 4283105963

4294967295

 4280877200

 4287054564

 4278190197

 4289027583

 4278190172

 4290935039

 4278191939

 4292973567

 4278190892

 4294946559

 4278190358

 4294953983

 4278190080

 4294961407

 4283105963

 4283105963

■ 4283039915

■ 4283765675

■ 4284359851

■ 4285019563

■ 4285679275

■ 4286339243

■ 4286933419

■ 4287593131

■ 4288252843

■ 4288847019

Harmonies

Analogous

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



4278207181



4283105963



4288217197

Triad

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



4283105963



4285408000



4278211156

Complementary

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



4283105963



4284656386

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.



4278210561



4283105963



4281549056

Square

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



4283105963



4288086016



4278209536



4278211737

Rectangle

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



4283105963



4289265726



4278209536



4278210876

Sweetspot

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



4283105963



4290288606



4278347179



4284041328



4293980400



4285558896

Same Dimension

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



4283105963



4284481758



4288479915



4283584087



4282450070



4278845463

Inverse Universe

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



4289397346



4292739198



4279282434



4283911763



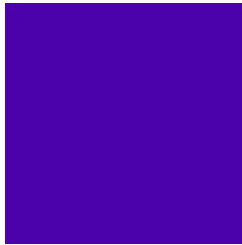
4288020565



4279697421

Previews

White Background



This preview shows how the Android color 4283105963 looks on a white background.

Color Contrast Check

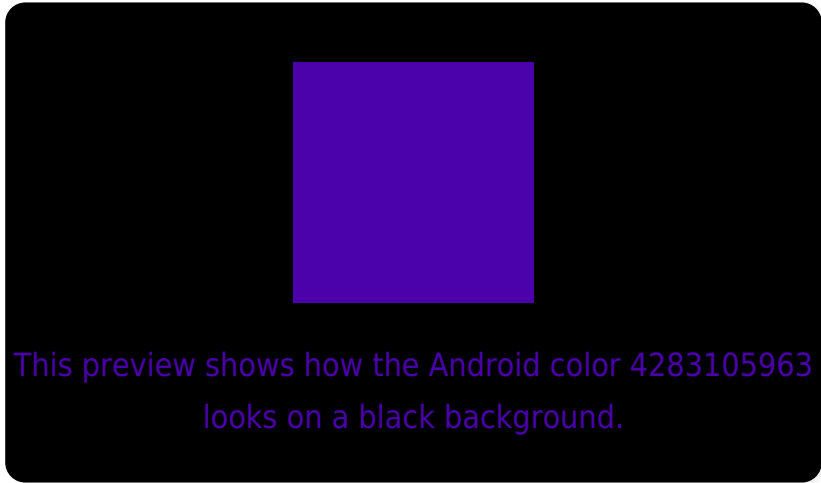
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283105963 Background



This preview shows how black text looks on a background with the Android color 4283105963.



This preview shows how white text looks on a background with the Android color 4283105963.

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

4283105963

Protanopia

4278205566

Deuteranopia

4278206572

Trichromacy



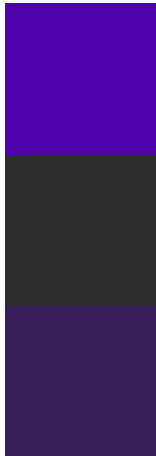
Original Color
4283105963

Protanomaly
4279969678

Deuteranomaly
4279970179

Tritanomaly
4281609068

Monochromacy



Original Color
4283105963

Achromatopsia
4281019179

Achromatomaly
4281801818

CSS Examples

Text

The CSS property to change the color of the text to Android 4283105963 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(75, 2, 171)` looks like.

```
.text, #text, p{  
    color:rgb(75, 2, 171)  
}
```

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(75, 2, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 2, 171) }
```

Border

The CSS property to change the border of an element to Android 4283105963 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(75, 2, 171) }
```

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

```
.border{ border-color:rgb(75, 2, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 2, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 2, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 2, 171);  
box-shadow:4px 4px 4px 4px rgb(75, 2, 171)  
}
```

Background

The CSS property to change the background color of an element to Android 4283105963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 2, 171) }
```

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

```
.background{ background-color: rgb(75, 2,  
171) }
```

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