

Converting Colors

Android(4283319934)

Have a look what the booklet for
Android(4283319934) contains.

Android(4283319934)	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(4283319934)

Conversions

Conversions Part 1

Format	Color
Hex	4E467E
RGB	78, 70, 126
RGB Percent	31%, 27%, 49%
CMY	0.6941, 0.7255, 0.5059
CMYK	0.38, 0.44, 0.00, 0.51
HSL	249°, 29%, 38%
HSV	249°, 44%, 49%
XYZ	9.0979, 7.5064, 20.7080
YIQ	78.7760, -13.2080, 19.1120

Conversions

Conversions Part 2

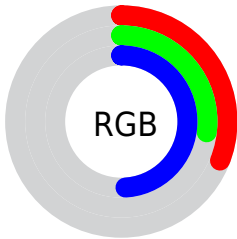
Format	Color
R_{YB}	78, 70, 126
Decimal	5129854
CIE _{Lab}	32.93, 17.80, -30.65
CIE _{LCh}	33, 35.444, 300.151
Yxy	7.5064, 0.2438, 0.2012
Android (android.graphics.Color)	4283319934 (0xFF4E467E)
YUV	78.7760, 23.2814, -0.6806
Hunter-Lab	27.3978, 11.3282, -25.6347

Details

The Android color `4283319934` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4285955654`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4286674611`, and `4280097612` is the 20% darker color. If you saturate the color by 10%, you get `4282595710`, and if you desaturate by 10%, it is `4284044158`.

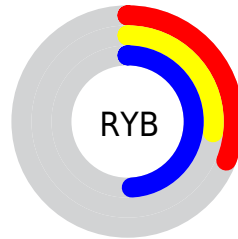
Distribution



 Red (31%)

 Green (27%)

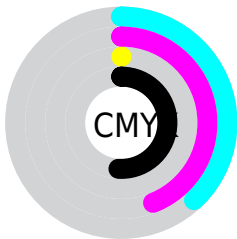
 Blue (49%)




 Red (31%)

 Yellow (27%)

 Blue (49%)

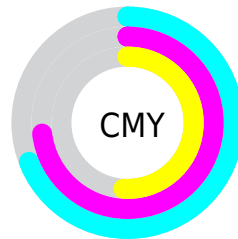


 Cyan (38%)

 Magenta (44%)

 Yellow (0%)

 Black (51%)



 Cyan (69%)

 Magenta (73%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283319934 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 4283319934 by changing the saturation by 10% instead.



4283319934



4283319934

4294967295



4281675877



4286674611



4280097612



4288450767



4278583605



4290227179



4278190623



4292069119



4278190083



4293976831



4278190080



4283319934



4283319934



4282595710



4284044158



4281871742



4284768126

■ 4281213054

■ 4285426814

■ 4280489086

■ 4286150782

■ 4279764862

■ 4286875006

■ 4279369854

■ 4287599230

■ 4288323198

■ 4288981886

■ 4289705854

Harmonies

Analogous

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



4278210949



4283319934



4285479530

Triad

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



4283319934



4285678108



4278213453

Complementary

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



4283319934



4285955654

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.



4279720240



4283319934



4284238865

Square

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



4283319934



4286527283



4282405914



4278213481

Rectangle

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



4283319934



4286330200



4282405914



4278213187

Sweetspot

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



4283319934



4287729315



4282808190



4282795346



4291940817



4283585106

Same Dimension

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



4283319934



4284042659



4285089406



4282005824



4279369856



4278190080

Inverse Universe

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



4286465654



4288892311



4284186182



4282399039



4286578797



4278190080

Previews

White Background



This preview shows how the Android color 4283319934 looks on a white background.

Color Contrast Check

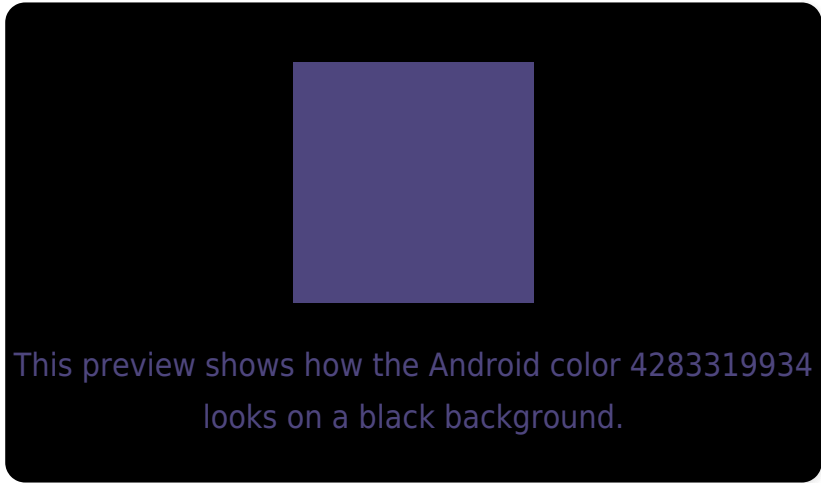
Large Text (above 18pt) WCAG AA ✓ Pass

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

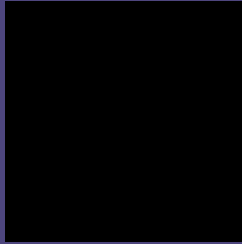
Any Text WCAG AA × Fail

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 4283319934 Background



This preview shows how black text looks on a background with the Android color 4283319934.



This preview shows how white text looks on a background with the Android color 4283319934.

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
4283319934

Protanopia
4281748611

Deuteranopia
4281486972

Trichromacy



Original Color
4283319934

Protanomaly
4282337921

Deuteranomaly
4282141565

Tritanomaly
4282928228

Monochromacy



Original Color
4283319934

Achromatopsia
4283387727

Achromatomaly
4283386976

CSS Examples

Text

The CSS property to change the color of the text to Android 4283319934 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(78, 70, 126)` looks like.

```
.text, #text, p{  
    color:rgb(78, 70, 126)  
}
```

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(78, 70, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 70, 126) }
```

Border

The CSS property to change the border of an element to Android 4283319934 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(78, 70, 126) }
```

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

```
.border{ border-color:rgb(78, 70, 126) }
```

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

Here you see how a box with a 4 pixel rgb(78, 70, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 70, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 70, 126);  
box-shadow:4px 4px 4px 4px rgb(78, 70,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4283319934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 70, 126) }
```

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

```
.background{ background-color: rgb(78, 70,  
126) }
```

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