

Converting Colors

Android(4283640319)

Have a look what the booklet for
Android(4283640319) contains.

Android(4283640319)	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(4283640319)

Conversions

Conversions Part 1

Format	Color
Hex	5329FF
RGB	83, 41, 255
RGB Percent	33%, 16%, 100%
CMY	0.6745, 0.8392, 0.0000
CMYK	0.67, 0.84, 0.00, 0.00
HSL	252°, 100%, 58%
HSV	252°, 84%, 100%
XYZ	22.4102, 10.6449, 95.4813
YIQ	77.9540, -43.6620, 75.4580

Conversions

Conversions Part 2

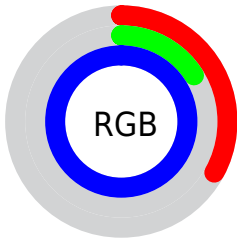
Format	Color
R_{YB}	83, 41, 255
Decimal	5450239
CIE _{Lab}	38.98, 71.93, -96.65
CIE _{LCh}	39, 120.474, 306.657
Yxy	10.6449, 0.1743, 0.0828
Android (android.graphics.Color)	4283640319 (0xFF5329FF)
YUV	77.9540, 87.2837, 4.4253
Hunter-Lab	32.6265, 65.5103, -150.6734

Details

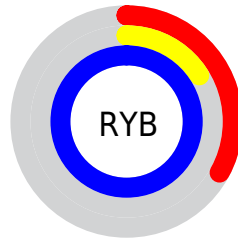
The Android color `4283640319` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4292214569`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4288307455`, and `4278190277` is the 20% darker color. If you saturate the color by 10%, you get `4282323199`, and if you desaturate by 10%, it is `4284957439`.

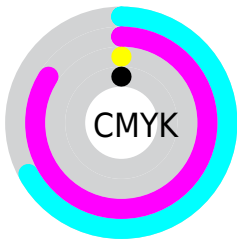
Distribution



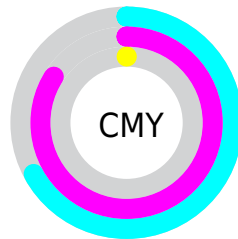
- Red (33%)
- Green (16%)
- Blue (100%)



- Red (33%)
- Yellow (16%)
- Blue (100%)



- Cyan (67%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283640319 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 4283640319 by changing the saturation by 10% instead.

 4283640319

 4283640319

4294967295

 4280288225

 4288307455

 4278190277

 4290411519

 4278190248

 4292581375

 4278190221

 4294685695

 4278190962

 4294955007

 4278193240

 4294962431

 4278191936

 4278190889

 4278190355

■ 4283640319

■ 4283640319

■ 4282323199

■ 4284957439

■ 4281467135

■ 4286340351

■ 4287657727

■ 4289040383

■ 4290357759

■ 4291740415

■ 4293057791

■ 4294440447

4294967295

Harmonies

Analogous

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



4278216959



4283640319



4292214956

Triad

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



4283640319



4289409024



4278221425

Complementary

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



4283640319



4292214569

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.



4278220544



4283640319



4284309504

Square

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



4283640319



4292935680



4278219008



4278222290

Rectangle

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



4283640319



4294049900



4278219008



4278221134

Sweetspot

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



4283640319



4291608575



4280932607



4284569984



4278190080



4286611584

Same Dimension

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



4283640319



4281467135



4290456063



4285887360



4280680639



4279042112

Inverse Universe

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



4294912469



4294901965



4285398825



4286608253



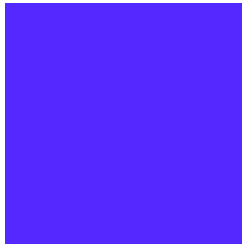
4290707610



4282384435

Previews

White Background



This preview shows how the Android color 4283640319 looks on a white background.

Color Contrast Check

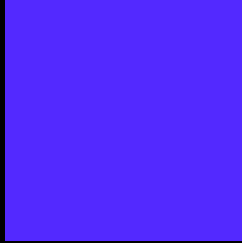
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4283640319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

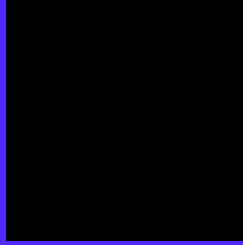
Any Text WCAG AA × Fail

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 4283640319 Background



This preview shows how black text looks on a background with the Android color 4283640319.



This preview shows how white text looks on a background with the Android color 4283640319.

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
4283640319

Protanopia
4278212793

Deuteranopia
4278214301

Trichromacy



Original Color
4283640319



Protanomaly
4280174546



Deuteranomaly
4280175553



Tritanomaly
4280176545

Monochromacy



Original Color
4283640319



Achromatopsia
4283321934



Achromatomaly
4283449742

CSS Examples

Text

The CSS property to change the color of the text to Android 4283640319 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(83, 41, 255)` looks like.

```
.text, #text, p{  
    color:rgb(83, 41, 255)  
}
```

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(83, 41, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 41, 255) }
```

Border

The CSS property to change the border of an element to Android 4283640319 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(83, 41, 255) }
```

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

```
.border{ border-color:rgb(83, 41, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 41, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 41, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 41, 255);  
box-shadow:4px 4px 4px 4px rgb(83, 41,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4283640319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 41, 255) }
```

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

```
.background{ background-color: rgb(83, 41,  
255) }
```

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