

Converting Colors

Android(4283180269)

Have a look what the booklet for
Android(4283180269) contains.

Android(4283180269)	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(4283180269)

Conversions

Conversions Part 1

Format	Color
Hex	4C24ED
RGB	76, 36, 237
RGB Percent	30%, 14%, 93%
CMY	0.7020, 0.8588, 0.0706
CMYK	0.68, 0.85, 0.00, 0.07
HSL	252°, 85%, 54%
HSV	252°, 85%, 93%
XYZ	18.8974, 8.9127, 80.8451
YIQ	70.8740, -40.6810, 70.9910

Conversions

Conversions Part 2

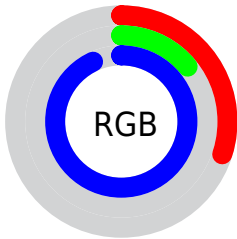
Format	Color
R_{YB}	76, 36, 237
Decimal	4990189
CIE _{Lab}	35.82, 68.48, -91.77
CIE _{LCh}	36, 114.504, 306.733
Yxy	8.9127, 0.1739, 0.0820
Android (android.graphics.Color)	4283180269 (0xFF4C24ED)
YUV	70.8740, 81.9001, 4.4955
Hunter-Lab	29.8541, 60.7445, -139.6598

Details

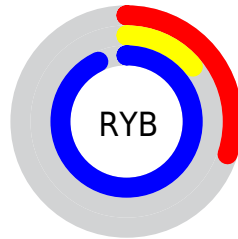
The Android color `4283180269` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed blue. A complement of this color would be `4291161380`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4287781887`, and `4278190259` is the 20% darker color. If you saturate the color by 10%, you get `4281928941`, and if you desaturate by 10%, it is `4284431597`.

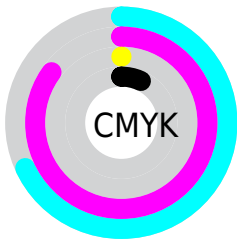
Distribution



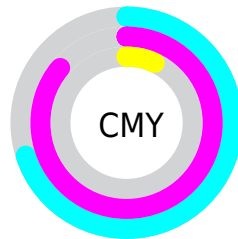
- Red (30%)
- Green (14%)
- Blue (93%)



- Red (30%)
- Yellow (14%)
- Blue (93%)



- Cyan (68%)
- Magenta (85%)
- Yellow (0%)
- Black (7%)



- Cyan (70%)
- Magenta (86%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283180269 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 4283180269 by changing the saturation by 10% instead.

 4283180269

 4283180269

4294967295

 4279697616

 4287781887

 4278190259

 4289885695

 4278190232

 4291990015

 4278190205

 4294028543

 4278192738

 4294953471

 4278192457

 4294960639

 4278191154

 4278190364

 4278190080

■ 4283180269

■ 4283180269

■ 4281928941

■ 4284431597

■ 4281270509

■ 4285682669

■ 4286933997

■ 4288185325

■ 4289436397

■ 4290687725

■ 4291939053

■ 4293190381

■ 4294441453

Harmonies

Analogous

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



4278214911



4283180269



4291231903

Triad

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



4283180269



4288555776



4278219112

Complementary

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



4283180269



4291161380

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.



4278218240



4283180269



4283783424

Square

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



4283180269



4291821568



4278216704



4278219715

Rectangle

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



4283180269



4292935779



4278216704



4278218824

Sweetspot

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



4283180269



4291608575



4280600813



4284569984



4278190080



4286611584

Same Dimension

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



4283180269



4281532671



4289537261



4285295221



4280549557



4278911030

Inverse Universe

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



4293731525



4294901964



4284804388



4285885043



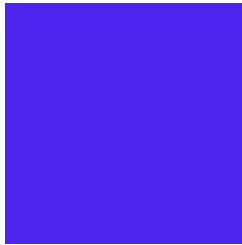
4290052241



4281729067

Previews

White Background



This preview shows how the Android color 4283180269 looks on a white background.

Color Contrast Check

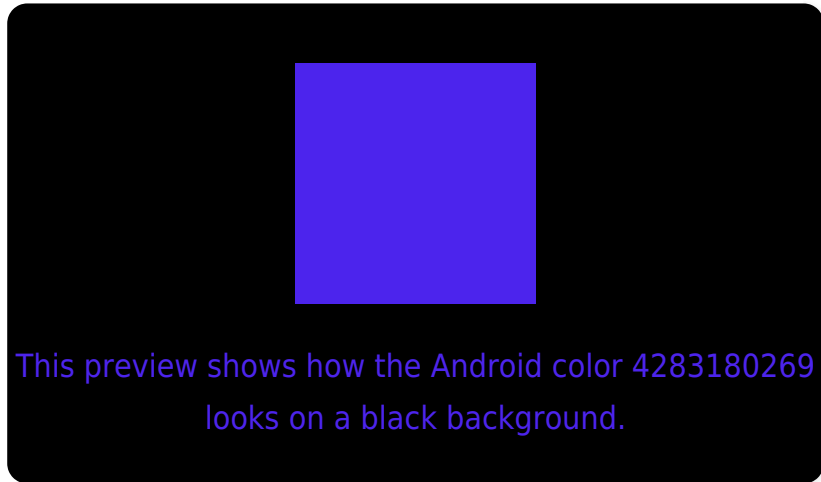
Large Text (above 18pt) WCAG AA ✓ Pass

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

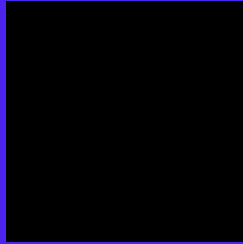
Any Text WCAG AA × Fail

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 4283180269 Background



This preview shows how black text looks on a background with the Android color 4283180269.



This preview shows how white text looks on a background with the Android color 4283180269.

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

4283180269

Protanopia

4278210986

Deuteranopia

4278212241

Trichromacy



Original Color
4283180269

Protanomaly
4280041922

Deuteranomaly
4280042674

Tritanomaly
4280043669

Monochromacy



Original Color
4283180269

Achromatopsia
4282861383

Achromatomaly
4282989187

CSS Examples

Text

The CSS property to change the color of the text to Android 4283180269 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(76, 36, 237)` looks like.

```
.text, #text, p{  
    color:rgb(76, 36, 237)  
}
```

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(76, 36, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 36, 237) }
```

Border

The CSS property to change the border of an element to Android 4283180269 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(76, 36, 237) }
```

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

```
.border{ border-color:rgb(76, 36, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 36, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 36, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 36, 237);  
box-shadow:4px 4px 4px 4px rgb(76, 36,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4283180269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 36, 237) }
```

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

```
.background{ background-color: rgb(76, 36,  
237) }
```

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