

Converting Colors

Android(4281549996)

Have a look what the booklet for
Android(4281549996) contains.

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Color

Android(4281549996)

Conversions

Conversions Part 1

Format	Color
Hex	3344AC
RGB	51, 68, 172
RGB Percent	20%, 27%, 67%
CMY	0.8000, 0.7333, 0.3255
CMYK	0.70, 0.60, 0.00, 0.33
HSL	232°, 54%, 44%
HSV	232°, 70%, 67%
XYZ	10.8788, 7.8166, 39.9651
YIQ	74.7730, -43.5160, 28.7400

Conversions

Conversions Part 2

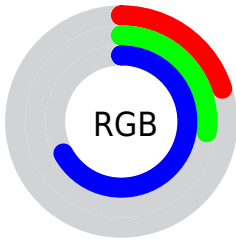
Format	Color
R_{YB}	51, 66, 172
Decimal	3359916
CIE Lab	33.60, 28.98, -57.68
CIE LCh	34, 64.554, 296.674
Yxy	7.8166, 0.1855, 0.1333
Android (android.graphics.Color)	4281549996 (0xFF3344AC)
YUV	74.7730, 47.9329, -20.8489
Hunter-Lab	27.9582, 20.5289, -65.1819

Details

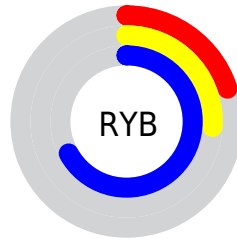
The Android color `4281549996` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4289502003`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4285625572`, and `4278196855` is the 20% darker color. If you saturate the color by 10%, you get `4280432044`, and if you desaturate by 10%, it is `4282667948`.

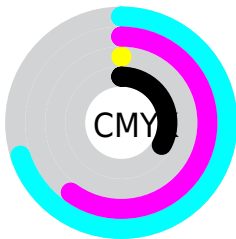
Distribution



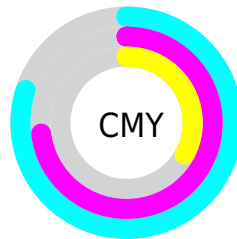
- Red (20%)
- Green (27%)
- Blue (67%)



- Red (20%)
- Yellow (26%)
- Blue (67%)



- Cyan (70%)
- Magenta (60%)
- Yellow (0%)
- Black (33%)





- Cyan (80%)
- Magenta (73%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281549996 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 4281549996 by changing the saturation by 10% instead.

 4281549996

 4281549996

4294967295

 4278202001

 4285625572

 4278196855

 4287532543

 4278190941

 4289439999

 4278191941

 4291347455


 4278190893


 4293320703

 4278190360

 4294966527

 4278190080

 4281549996

 4281549996

 4280432044

 4282667948

■ 4279314092

■ 4283785900

■ 4278196396

■ 4284969132

■ 4286087084

■ 4287205036

■ 4288322988

■ 4289440684

■ 4290624172

■ 4291742124

Harmonies

Analogous

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



4278212791



4281549996



4286849416

Triad

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



4281549996



4287312640



4278215496

Complementary

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



4281549996



4289502003

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.



4278214668



4281549996



4284893952

Square

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



4281549996



4288807205



4281686272



4278215804

Rectangle

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



4281549996



4288413800



4281686272



4278215221

Sweetspot

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



4281549996



4289837280



4281576602



4283717744



4293980400



4285558896

Same Dimension

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



4281549996



4280565472



4284298156



4283322199



4278195606



4278190871

Inverse Universe

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



4289475396



4292879422



4286753843



4283911759



4288020501



4279697411

Previews

White Background



This preview shows how the Android color 4281549996 looks on a white background.

Color Contrast Check

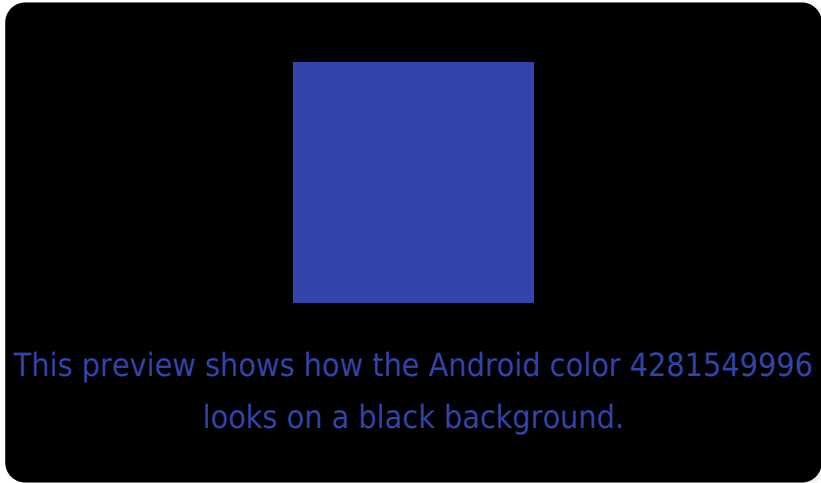
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281549996 Background



This preview shows how black text looks on a background with the Android color 4281549996.



This preview shows how white text looks on a background with the Android color 4281549996.

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
4281549996

Protanopia
4278209697

Deuteranopia
4278210954

Trichromacy



Original Color
4281549996

Protanomaly
4279454117

Deuteranomaly
4279454870

Tritanomaly
4279455866

Monochromacy



Original Color
4281549996

Achromatopsia
4283124555

Achromatomaly
4282533998

CSS Examples

Text

The CSS property to change the color of the text to Android 4281549996 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(51, 68, 172)` looks like.

```
.text, #text, p{  
    color:rgb(51, 68, 172)  
}
```

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(51, 68, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 68, 172) }
```

Border

The CSS property to change the border of an element to Android 4281549996 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(51, 68, 172) }
```

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

```
.border{ border-color:rgb(51, 68, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 68, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 68, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 68, 172);  
box-shadow:4px 4px 4px 4px rgb(51, 68,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4281549996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 68, 172) }
```

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

```
.background{ background-color: rgb(51, 68,  
172) }
```

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](#).

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