

Converting Colors

Android(4281549684)

Have a look what the booklet for
Android(4281549684) contains.

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Color

Android(4281549684)

Conversions

Conversions Part 1

Format	Color
Hex	334374
RGB	51, 67, 116
RGB Percent	20%, 26%, 45%
CMY	0.8000, 0.7373, 0.5451
CMYK	0.56, 0.42, 0.00, 0.55
HSL	225°, 39%, 33%
HSV	225°, 56%, 45%
XYZ	6.5248, 5.9791, 17.3332
YIQ	67.8020, -25.2650, 11.8470

Conversions

Conversions Part 2

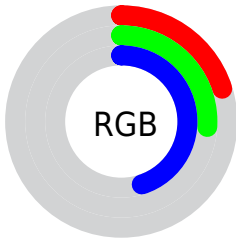
Format	Color
R_{YB}	51, 64, 116
Decimal	3359604
CIE _{Lab}	29.36, 9.21, -30.19
CIE _{LCh}	29, 31.562, 286.973
Yxy	5.9791, 0.2187, 0.2004
Android (android.graphics.Color)	4281549684 (0xFF334374)
YUV	67.8020, 23.7616, -14.7354
Hunter-Lab	24.4521, 4.8395, -24.9119




Details

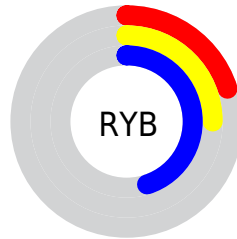
The Android color `4281549684` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4285817907`, and the grayscale version is `4282664004`.




A 20% lighter version of the original color is `4284904360`, and `4278196547` is the 20% darker color. If you saturate the color by 10%, you get `4280760948`, and if you desaturate by 10%, it is `4282338420`.

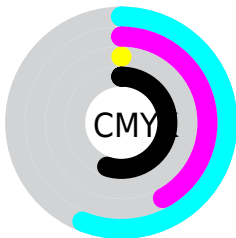
Distribution







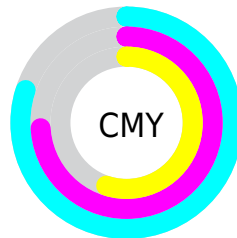
-  Red (20%)
-  Green (26%)
-  Blue (45%)






-  Red (20%)
-  Yellow (25%)
-  Blue (45%)



-  Cyan (56%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (80%)
-  Magenta (74%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281549684 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 4281549684 by changing the saturation by 10% instead.

■ 4281549684

■ 4281549684

4294967295

■ 4279774555

■ 4284904360

■ 4278196547

■ 4286680260

■ 4278190125

■ 4288456416

■ 4278190359

■ 4290233085

■ 4278190080

■ 4292075007

■ 4293982975

■ 4281549684

■ 4281549684

■ 4280760948

■ 4282338420

■ 4280038004

■ 4283061364

■ 4279249268

■ 4283850100

■ 4278526068

■ 4284573300

■ 4278197620

■ 4285362036

■ 4286150516

■ 4286873716

■ 4287662452

■ 4288385652

Harmonies

Analogous

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



4278209397



4281549684



4283971943

Triad

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



4281549684



4285282082



4278210617

Complementary

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



4281549684



4285817907

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.



4280897058



4281549684



4284235795

Square

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



4281549684



4285673528



4282730515



4278210899

Rectangle

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



4281549684



4284953433



4282730515



4278734897

Sweetspot

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



4281549684



4286415766



4281562212



4282204493



4291611852



4283256141

Same Dimension

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



4281549684



4281485974



4282594164



4281677371



4278197882



4278206202

Inverse Universe

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



4285805379



4288033354



4284773427



4282070326



4286185502



4294574142

Previews

White Background



This preview shows how the Android color 4281549684 looks on a white background.

Color Contrast Check

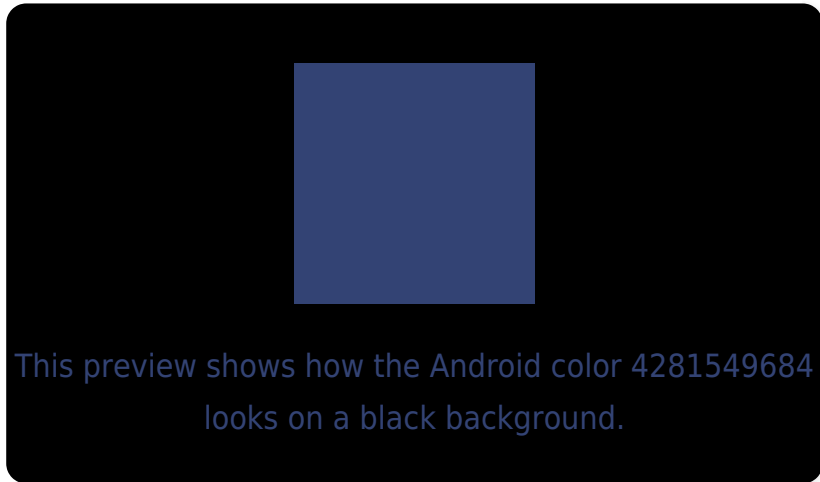
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281549684 Background



This preview shows how black text looks on a background with the Android color 4281549684.



This preview shows how white text looks on a background with the Android color 4281549684.

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

4281549684

Protanopia

4281353076

Deuteranopia

4280698483

Trichromacy



Original Color

4281549684

Protanomaly

4281418612

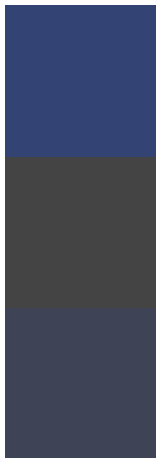
Deuteranomaly

4281025907

Tritanomaly

4281026654

Monochromacy



Original Color

4281549684

Achromatopsia

4282664004

Achromatomaly

4282270805

CSS Examples

Text

The CSS property to change the color of the text to Android 4281549684 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, 67, 116)` looks like.

```
.text, #text, p{  
    color:rgb(51, 67, 116)  
}
```

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, 67, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 67, 116) }
```

Border

The CSS property to change the border of an element to Android 4281549684 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, 67, 116) }
```

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

```
.border{ border-color:rgb(51, 67, 116) }
```

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

Here you see how a box with a 4 pixel rgb(51, 67, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 67, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 67, 116);  
box-shadow:4px 4px 4px 4px rgb(51, 67,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4281549684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 67, 116) }
```

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

```
.background{ background-color: rgb(51, 67,  
116) }
```

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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