

Converting Colors

Android(4282670749)

Have a look what the booklet for
Android(4282670749) contains.

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Color

Android(4282670749)

Conversions

Conversions Part 1

Format	Color
Hex	445E9D
RGB	68, 94, 157
RGB Percent	27%, 37%, 62%
CMY	0.7333, 0.6314, 0.3843
CMYK	0.57, 0.40, 0.00, 0.38
HSL	222°, 40%, 44%
HSV	222°, 57%, 62%
XYZ	12.4724, 11.6687, 33.4932
YIQ	93.4080, -35.7190, 14.0810

Conversions

Conversions Part 2

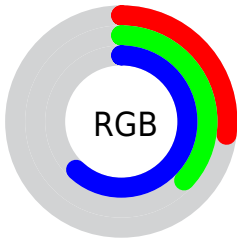
Format	Color
R_{YB}	68, 88, 157
Decimal	4480669
CIE _{Lab}	40.68, 9.75, -37.28
CIE _{LCh}	41, 38.531, 284.660
Yxy	11.6687, 0.2164, 0.2025
Android (android.graphics.Color)	4282670749 (0xFF445E9D)
YUV	93.4080, 31.3509, -22.2828
Hunter-Lab	34.1594, 5.3955, -34.2220

Details

The Android color `4282670749` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288512836`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4286288084`, and `4278202729` is the 20% darker color. If you saturate the color by 10%, you get `4281619357`, and if you desaturate by 10%, it is `4283722141`.

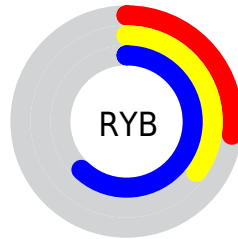
Distribution



Red (27%)

Green (37%)

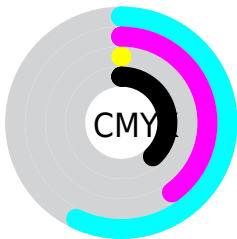
Blue (62%)



Red (27%)

Yellow (35%)

Blue (62%)

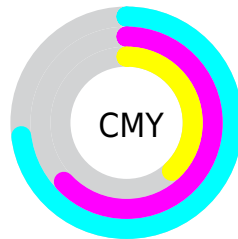


Cyan (57%)

Magenta (40%)

Yellow (0%)

Black (38%)



Cyan (73%)

Magenta (63%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282670749 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 4282670749 by changing the saturation by 10% instead.

 4282670749

 4282670749

4294967295

 4280764291

 4286288084

 4278202729

 4288064240

 4278197329

 4289906431

 4278190137

 4291814143

 4278190627

 4293721855

 4278190090

 4278190080

 4282670749

 4282670749

 4281619357

 4283722141

■ 4280633501

■ 4284707997

■ 4279582109

■ 4285759389

■ 4278530717

■ 4286810781

■ 4278202013

■ 4287862429

■ 4288848285

■ 4289899677

■ 4290951069

■ 4291936925

Harmonies

Analogous

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



4278216860



4282670749



4285944205

Triad

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



4282670749



4287843381



4278218318

Complementary

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



4282670749



4288512836

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.



4282346033



4282670749



4286535713

Square

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



4282670749



4288300114



4284703519



4278218863

Rectangle

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



4282670749



4287252859



4284703519



4279987524

Sweetspot

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



4282670749



4289311692



4282686850



4283586662



4293322470



4284900966

Same Dimension

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



4282670749



4282477260



4283843741



4282861903



4278200975



4278191119

Inverse Universe

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



4288496734



4291576170



4287339844



4283385673



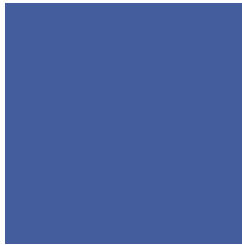
4287561770



4279173124

Previews

White Background



This preview shows how the Android color 4282670749 looks on a white background.

Color Contrast Check

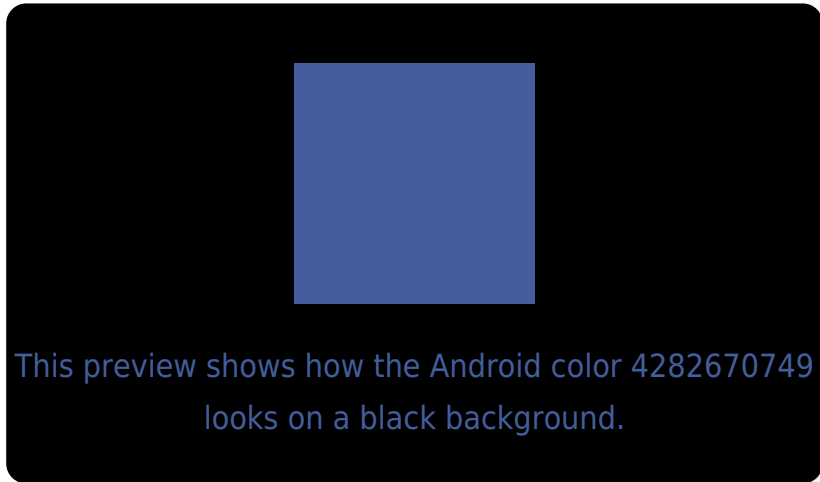
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4282670749 Background



This preview shows how black text looks on a background with the Android color 4282670749.



This preview shows how white text looks on a background with the Android color 4282670749.

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

4282670749

Protanopia

4282801821

Deuteranopia

4282015901

Trichromacy



Original Color
4282670749

Protanomaly
4282736285

Deuteranomaly
4282277789

Tritanomaly
4281951360

Monochromacy



Original Color
4282670749

Achromatopsia
4284308829

Achromatomaly
4283719028

CSS Examples

Text

The CSS property to change the color of the text to Android 4282670749 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(68, 94, 157)` looks like.

```
.text, #text, p{  
    color:rgb(68, 94, 157)  
}
```

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(68, 94, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 94, 157) }
```

Border

The CSS property to change the border of an element to Android 4282670749 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(68, 94, 157) }
```

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

```
.border{ border-color:rgb(68, 94, 157) }
```

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

Here you see how a box with a 4 pixel rgb(68, 94, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 94, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 94, 157);  
box-shadow:4px 4px 4px 4px rgb(68, 94,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4282670749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 94, 157) }
```

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

```
.background{ background-color: rgb(68, 94,  
157) }
```

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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