

Converting Colors

Android(4282669698)

Have a look what the booklet for
Android(4282669698) contains.

Android(4282669698)	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(4282669698)

Conversions

Conversions Part 1

Format	Color
Hex	445A82
RGB	68, 90, 130
RGB Percent	27%, 35%, 51%
CMY	0.7333, 0.6471, 0.4902
CMYK	0.48, 0.31, 0.00, 0.49
HSL	219°, 31%, 39%
HSV	219°, 48%, 51%
XYZ	10.0693, 10.1530, 22.5481
YIQ	87.9820, -25.9520, 7.7760

Conversions

Conversions Part 2

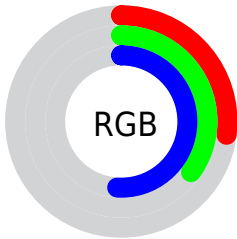
Format	Color
RYB	68, 84, 130
Decimal	4479618
CIELab	38.12, 3.33, -25.02
CIElCh	38, 25.244, 277.580
Yxy	10.1530, 0.2354, 0.2374
Android (android.graphics.Color)	4282669698 (0xFF445A82)
YUV	87.9820, 20.7149, -17.5242
Hunter-Lab	31.8637, 0.6466, -19.6514

Details

The Android color `4282669698` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286737476`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4286024887`, and `4279184720` is the 20% darker color. If you saturate the color by 10%, you get `4281815682`, and if you desaturate by 10%, it is `4283523714`.

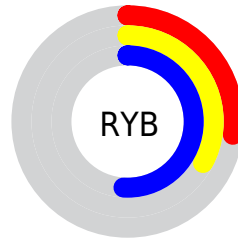
Distribution



Red (27%)

Green (35%)

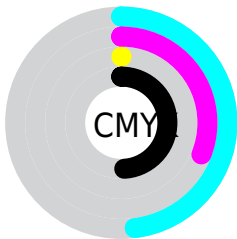
Blue (51%)



Red (27%)

Yellow (33%)

Blue (51%)

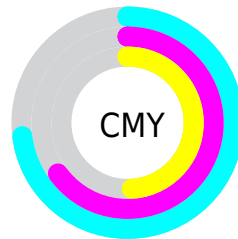


Cyan (48%)

Magenta (31%)

Yellow (0%)

Black (49%)



Cyan (73%)

Magenta (65%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282669698 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 4282669698 by changing the saturation by 10% instead.



4282669698



4282669698

4294967295



4281025385



4286024887



4279184720



4287801043



4278196537



4289577455



4278190628



4291419647



4278190091



4293327615



4278190080



4282669698



4282669698



4281815682



4283523714



4280961410



4284377986

■ 4280107394

■ 4285232002

■ 4279253122

■ 4286086274

■ 4278399106

■ 4286940290

■ 4278201986

■ 4287794306

■ 4288648578

■ 4289502594

■ 4290356610

Harmonies

Analogous

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



4280049791



4282669698



4284699258

Triad

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



4282669698



4286532930



4281492297

Complementary

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



4282669698



4286737476

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.



4283195449



4282669698



4285813556

Square

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



4282669698



4286663253



4284635697



4279264606

Rectangle

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



4282669698



4285681264



4284635697



4282081859

Sweetspot

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



4282669698



4287732136



4282679915



4282796884



4292138196



4283716692

Same Dimension

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



4282669698



4282935976



4283188354



4281941056



4278201728



4278190080

Inverse Universe

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



4286727258



4289218666



4286218820



4282399036



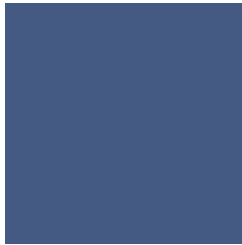
4286578733



4278190080

Previews

White Background



This preview shows how the Android color 4282669698 looks on a white background.

Color Contrast Check

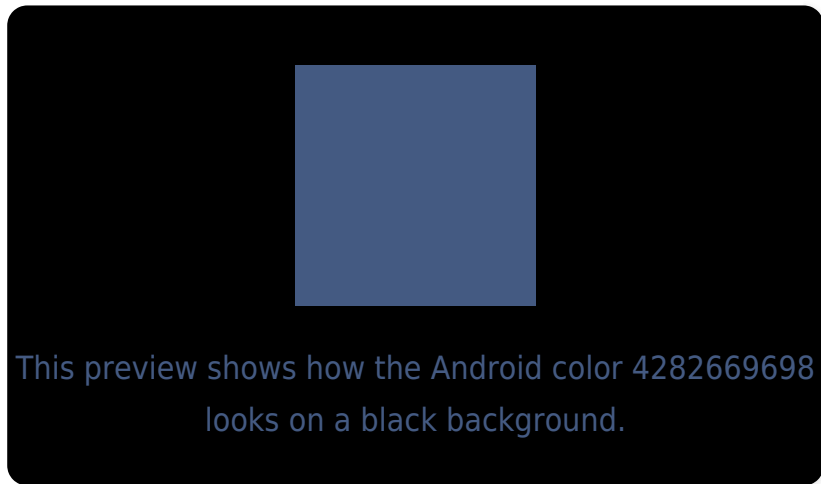
Large Text (above 18pt) WCAG AA ✓ Pass

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

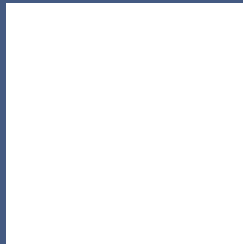
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282669698 Background



This preview shows how black text looks on a background with the Android color 4282669698.

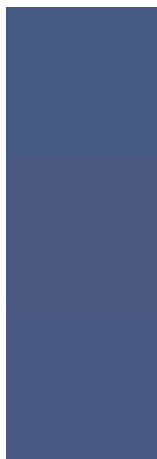


This preview shows how white text looks on a background with the Android color 4282669698.

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

4282669698

Protanopia

4283259008

Deuteranopia

4282997122

Trichromacy



Original Color
4282669698

Protanomaly
4283062657

Deuteranomaly
4282866050

Tritanomaly
4282342769

Monochromacy



Original Color
4282669698

Achromatopsia
4283979864

Achromatomaly
4283521383

CSS Examples

Text

The CSS property to change the color of the text to Android 4282669698 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, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(68, 90, 130)  
}
```

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, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 90, 130) }
```

Border

The CSS property to change the border of an element to Android 4282669698 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, 90, 130) }
```

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

```
.border{ border-color:rgb(68, 90, 130) }
```

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

Here you see how a box with a 4 pixel rgb(68, 90, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(68, 90,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4282669698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 90, 130) }
```

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

```
.background{ background-color: rgb(68, 90,  
130) }
```

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