

Converting Colors

Android(4282420368)

Have a look what the booklet for
Android(4282420368) contains.

Android(4282420368)	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(4282420368)

Conversions

Conversions Part 1

Format	Color
Hex	408C90
RGB	64, 140, 144
RGB Percent	25%, 55%, 56%
CMY	0.7490, 0.4510, 0.4353
CMYK	0.56, 0.03, 0.00, 0.44
HSL	183°, 38%, 41%
HSV	183°, 56%, 56%
XYZ	16.5265, 21.8598, 29.7339
YIQ	117.7320, -46.5800, -14.8680

Conversions

Conversions Part 2

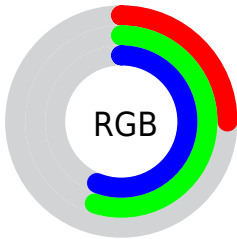
Format	Color
RYB	64, 103, 144
Decimal	4230288
CIELab	53.88, -22.13, -9.28
CIELCh	54, 23.991, 202.748
Yxy	21.8598, 0.2426, 0.3209
Android (android.graphics.Color)	4282420368 (0xFF408C90)
YUV	117.7320, 12.9501, -47.1230
Hunter-Lab	46.7544, -18.7252, -4.9779

Details

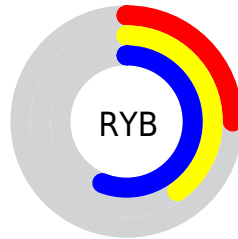
The Android color `4282420368` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287644736`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4286038726`, and `4278213214` is the 20% darker color. If you saturate the color by 10%, you get `4281502608`, and if you desaturate by 10%, it is `4283338128`.

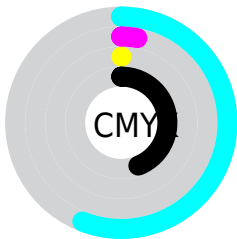
Distribution



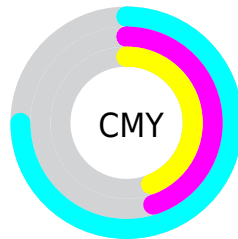
- Red (25%)
- Green (55%)
- Blue (56%)



- Red (25%)
- Yellow (40%)
- Blue (56%)



- Cyan (56%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282420368 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 4282420368 by changing the saturation by 10% instead.



4282420368



4282420368

4294967295



4280447606



4286038726



4278213214



4287880930



4278207046



4289723390



4278201136



4291624959



4278195995



4293525503



4278190080



4282420368



4282420368



4281502608



4283338128



4280519568



4284321168

■ 4279601808

■ 4285238928

■ 4278618512

■ 4286222224

■ 4278225296

■ 4287139984

■ 4288057488

■ 4289040784

■ 4289958544

■ 4290941584

Harmonies

Analogous

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



4283468923



4282420368



4282747297

Triad

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



4282420368



4288050842



4287921752

Complementary

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



4282420368



4287644736

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.



4288903009



4282420368



4289098375

Square

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



4282420368



4286414247



4289360498



4286547034

Rectangle

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



4282420368



4283795112



4289360498



4288314202

Sweetspot

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



4282420368



4288395706



4282421316



4283129182



4292796126



4284374622

Same Dimension

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



4282420368



4282234042



4282410128



4282402631



4278222983



4278191880

Inverse Universe

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



4287643788



4290395572



4287654976



4282859591



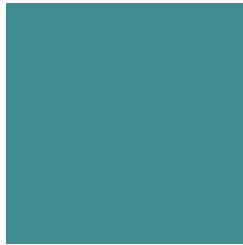
4287037568



4278714375

Previews

White Background



This preview shows how the Android color 4282420368 looks on a white background.

Color Contrast Check

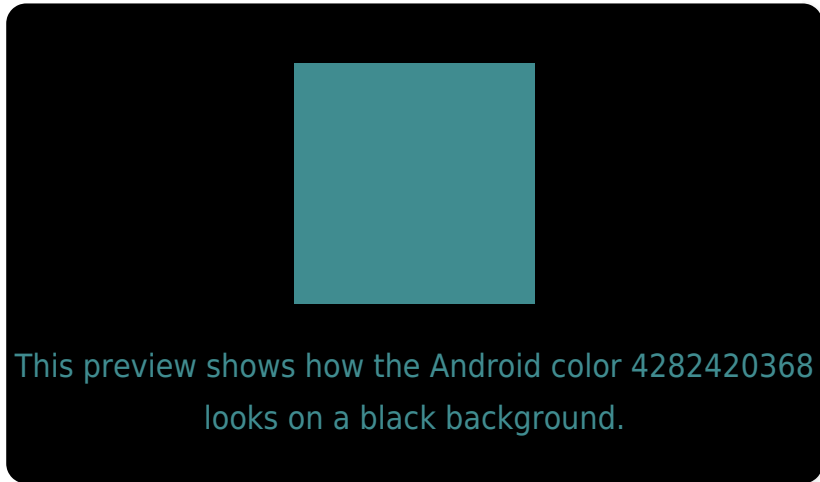
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4282420368 Background



This preview shows how black text looks on a background with the Android color 4282420368.

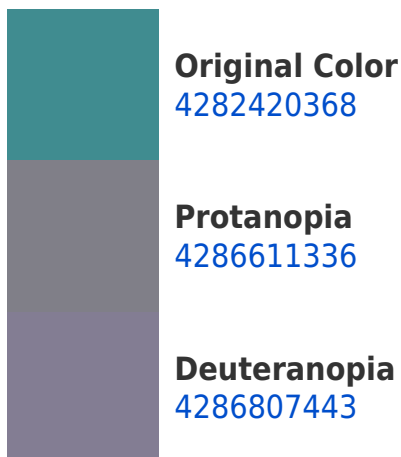


This preview shows how white text looks on a background with the Android color 4282420368.

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



Trichromacy



Original Color
4282420368

Protanomaly
4285105291

Deuteranomaly
4285235858

Tritanomaly
4282485652

Monochromacy



Original Color
4282420368

Achromatopsia
4285953654

Achromatomaly
4284644991

CSS Examples

Text

The CSS property to change the color of the text to Android 4282420368 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(64, 140, 144)` looks like.

```
.text, #text, p{  
    color:rgb(64, 140, 144)  
}
```

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(64, 140, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 140, 144) }
```

Border

The CSS property to change the border of an element to Android 4282420368 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(64, 140, 144) }
```

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

```
.border{ border-color:rgb(64, 140, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 140, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 140, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 140, 144);  
box-shadow:4px 4px 4px 4px rgb(64, 140,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4282420368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 140, 144) }
```

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

```
.background{ background-color: rgb(64, 140,  
144) }
```

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