

Converting Colors

Android(4280968359)

Have a look what the booklet for
Android(4280968359) contains.

Android(4280968359)	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(4280968359)

Conversions

Conversions Part 1

Format	Color
Hex	2A64A7
RGB	42, 100, 167
RGB Percent	16%, 39%, 65%
CMY	0.8353, 0.6078, 0.3451
CMYK	0.75, 0.40, 0.00, 0.35
HSL	212°, 60%, 41%
HSV	212°, 75%, 65%
XYZ	12.4871, 12.3966, 38.2939
YIQ	90.2960, -56.0750, 8.5410

Conversions

Conversions Part 2

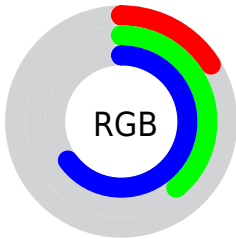
Format	Color
RYB	42, 82, 167
Decimal	2778279
CIELab	41.84, 4.87, -41.45
CIELCh	42, 41.735, 276.705
Yxy	12.3966, 0.1977, 0.1962
Android (android.graphics.Color)	4280968359 (0xFF2A64A7)
YUV	90.2960, 37.8151, -42.3556
Hunter-Lab	35.2088, 1.6909, -39.8389

Details

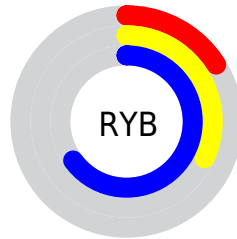
The Android color `4280968359` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289162538`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4285044447`, and `4278204018` is the 20% darker color. If you saturate the color by 10%, you get `4279851943`, and if you desaturate by 10%, it is `4282084775`.

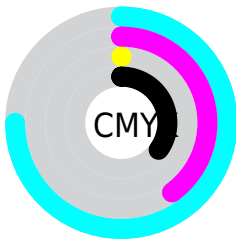
Distribution



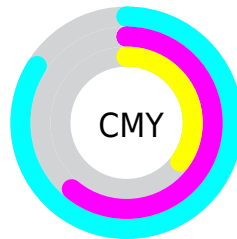
- Red (16%)
- Green (39%)
- Blue (65%)



- Red (16%)
- Yellow (32%)
- Blue (65%)



- Cyan (75%)
- Magenta (40%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280968359 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 4280968359 by changing the saturation by 10% instead.

 4280968359

 4280968359

4294967295

 4278209676

 4285044447

 4278204018

 4286951931

 4278198873

 4288859391

 4278192706

 4290767103

 4278190891

 4292673535

 4278190357

 4294639615

 4278190080

 4280968359

 4280968359

 4279851943

 4282084775

■ 4278801063

■ 4283135655

■ 4278209959

■ 4284252071

■ 4285368487

■ 4286419367

■ 4287535783

■ 4288652199

■ 4289768615

■ 4290819495

Harmonies

Analogous

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



4278218401



4280968359



4285421210

Triad

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



4280968359



4288498235



4278612294

Complementary

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



4280968359



4289162538

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.



4283067432



4280968359



4287321890

Square

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



4280968359



4288758620



4285424408



4278219626

Rectangle

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



4280968359



4287188361



4285424408



4280840251

Sweetspot

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



4280968359



4289314777



4280985453



4283522670



4293783021



4285427310

Same Dimension

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



4280968359



4279660761



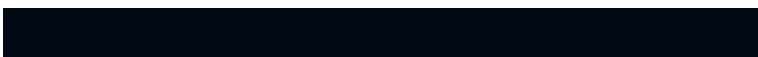
4281215655



4283191380



4278207892



4278192404

Inverse Universe

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



4289145444



4292417136



4288915242



4283714640



4287889477



4279500809

Previews

White Background



This preview shows how the Android color 4280968359 looks on a white background.

Color Contrast Check

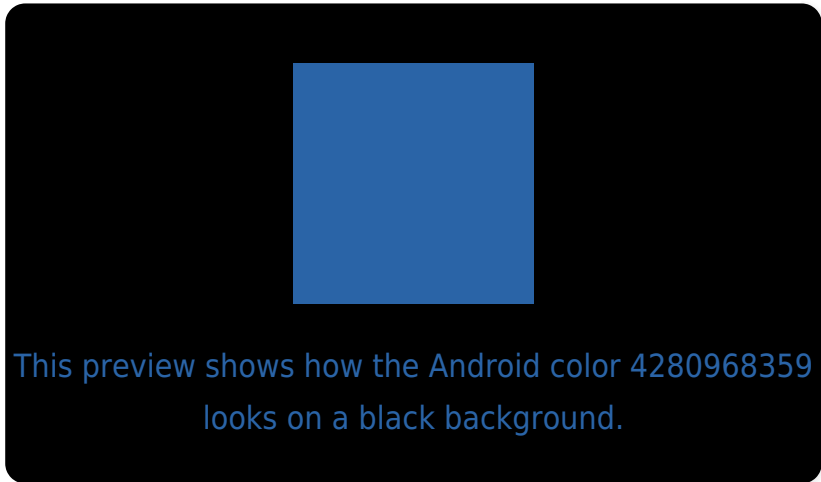
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280968359 Background



This preview shows how black text looks on a background with the Android color 4280968359.



This preview shows how white text looks on a background with the Android color 4280968359.

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

4280968359

Protanopia

4282867875

Deuteranopia

4281361319

Trichromacy



Original Color
4280968359

Protanomaly
4282147236

Deuteranomaly
4281230247

Tritanomaly
4279200392

Monochromacy



Original Color
4280968359

Achromatopsia
4284111450

Achromatomaly
4282998390

CSS Examples

Text

The CSS property to change the color of the text to Android 4280968359 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(42, 100, 167)` looks like.

```
.text, #text, p{  
    color:rgb(42, 100, 167)  
}
```

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(42, 100, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 100, 167) }
```

Border

The CSS property to change the border of an element to Android 4280968359 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(42, 100, 167) }
```

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

```
.border{ border-color:rgb(42, 100, 167) }
```

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

Here you see how a box with a 4 pixel rgb(42, 100, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 100, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 100, 167);  
box-shadow:4px 4px 4px 4px rgb(42, 100,  
167) }
```

Background

The CSS property to change the background color of an element to Android 4280968359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 100, 167) }
```

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

```
.background{ background-color: rgb(42, 100,  
167) }
```

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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