

Converting Colors

Android(4280959652)

Have a look what the booklet for
Android(4280959652) contains.

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Color

Android(4280959652)

Conversions

Conversions Part 1

Format	Color
Hex	2A42A4
RGB	42, 66, 164
RGB Percent	16%, 26%, 64%
CMY	0.8353, 0.7412, 0.3569
CMYK	0.74, 0.60, 0.00, 0.36
HSL	228°, 59%, 40%
HSV	228°, 74%, 64%
XYZ	9.6039, 7.0690, 35.9802
YIQ	69.9960, -45.7620, 25.3900

Conversions

Conversions Part 2

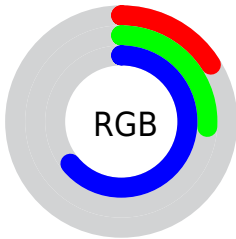
Format	Color
R_{YB}	42, 62, 164
Decimal	2769572
CIE _{Lab}	31.96, 26.14, -55.58
CIE _{LCh}	32, 61.418, 295.194
Yxy	7.0690, 0.1824, 0.1343
Android (android.graphics.Color)	4280959652 (0xFF2A42A4)
YUV	69.9960, 46.3440, -24.5525
Hunter-Lab	26.5876, 17.9490, -61.6241

Details

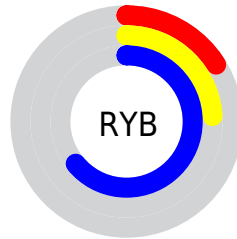
The Android color `4280959652` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288973866`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4285100764`, and `4278196335` is the 20% darker color. If you saturate the color by 10%, you get `4279907748`, and if you desaturate by 10%, it is `4282011556`.

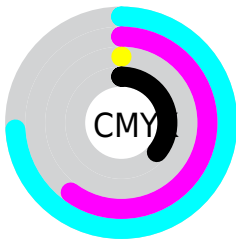
Distribution



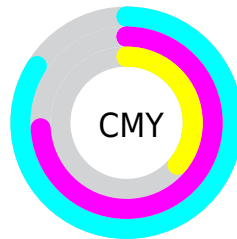
- Red (16%)
- Green (26%)
- Blue (64%)



- Red (16%)
- Yellow (24%)
- Blue (64%)



- Cyan (74%)
- Magenta (60%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280959652 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 4280959652 by changing the saturation by 10% instead.

■ 4280959652

■ 4280959652

4294967295

■ 4278201481

■ 4285100764

■ 4278196335

■ 4287007737

■ 4278190166

■ 4288914943

■ 4278191678

■ 4290822399

■ 4278190887

■ 4292795647

■ 4278190352

■ 4294769151

■ 4278190080

■ 4280959652

■ 4280959652

■ 4279907748

■ 4282011556

■ 4278790308

■ 4283128996

■ 4278198436

■ 4284181156

■ 4285298596

■ 4286350500

■ 4287402404

■ 4288519844

■ 4289571748

■ 4290689444

Harmonies

Analogous

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



4278211757



4280959652



4286260099

Triad

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



4280959652



4286983936



4278214210

Complementary

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



4280959652



4288973866

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.



4278213385



4280959652



4284696320

Square

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



4280959652



4288283174



4281750528



4278214515

Rectangle

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



4280959652



4287823973



4281750528



4278214193

Sweetspot

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



4280959652



4289179862



4280984716



4283389291



4293651435



4285229931

Same Dimension

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



4280959652



4279778774



4283378340



4282993490



4278197649



4278191122

Inverse Universe

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



4288948802



4292220989



4286555178



4283582795



4287692829



4279369732

Previews

White Background



This preview shows how the Android color 4280959652 looks on a white background.

Color Contrast Check

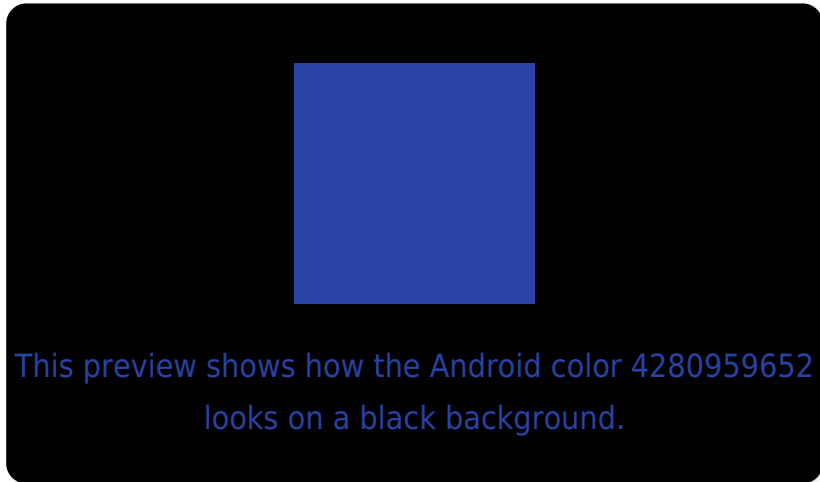
Large Text (above 18pt) WCAG AA ✓ Pass

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

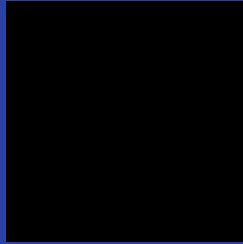
Any Text WCAG AA × Fail

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 4280959652 Background



This preview shows how black text looks on a background with the Android color 4280959652.



This preview shows how white text looks on a background with the Android color 4280959652.

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

4280959652

Protanopia

4278208665

Deuteranopia

4278209924

Trichromacy



Original Color
4280959652

Protanomaly
4279191197

Deuteranomaly
4279191952

Tritanomaly
4279192948

Monochromacy



Original Color
4280959652

Achromatopsia
4282795590

Achromatomaly
4282140008

CSS Examples

Text

The CSS property to change the color of the text to Android 4280959652 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, 66, 164)` looks like.

```
.text, #text, p{  
    color:rgb(42, 66, 164)  
}
```

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, 66, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 66, 164) }
```

Border

The CSS property to change the border of an element to Android 4280959652 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, 66, 164) }
```

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

```
.border{ border-color:rgb(42, 66, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 66, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 66, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 66, 164);  
box-shadow:4px 4px 4px 4px rgb(42, 66,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4280959652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 66, 164) }
```

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

```
.background{ background-color: rgb(42, 66,  
164) }
```

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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