

Converting Colors

Android(4280954252)

Have a look what the booklet for
Android(4280954252) contains.

Android(4280954252)	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(4280954252)

Conversions

Conversions Part 1

Format	Color
Hex	2A2D8C
RGB	42, 45, 140
RGB Percent	16%, 18%, 55%
CMY	0.8353, 0.8235, 0.4510
CMYK	0.70, 0.68, 0.00, 0.45
HSL	238°, 54%, 36%
HSV	238°, 70%, 55%
XYZ	6.6269, 4.2625, 25.2844
YIQ	54.9330, -32.2830, 28.9090

Conversions

Conversions Part 2

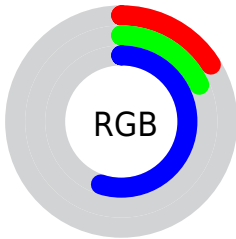
Format	Color
RYB	42, 45, 140
Decimal	2764172
CIELab	24.52, 31.13, -53.07
CIELCh	25, 61.525, 300.398
Yxy	4.2625, 0.1832, 0.1178
Android (android.graphics.Color)	4280954252 (0xFF2A2D8C)
YUV	54.9330, 41.9380, -11.3422
Hunter-Lab	20.6457, 21.1648, -58.1592

Details

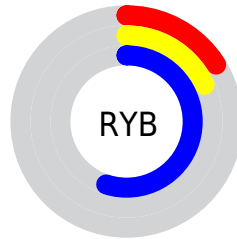
The Android color **4280954252** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287400234**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4284832707**, and **4278190681** is the 20% darker color. If you saturate the color by 10%, you get **4280033164**, and if you desaturate by 10%, it is **4281875340**.

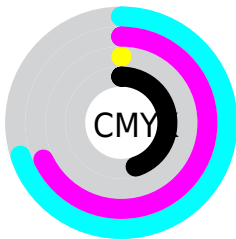
Distribution



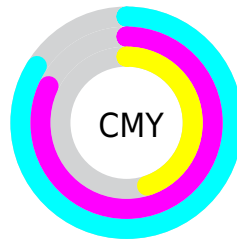
- Red (16%)
- Green (18%)
- Blue (55%)



- Red (16%)
- Yellow (18%)
- Blue (55%)



- Cyan (70%)
- Magenta (68%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280954252 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 4280954252 by changing the saturation by 10% instead.



4280954252



4280954252

4294967295



4278196338



4284832707



4278190681



4286674143



4278190400



4288515836



4278190889



4290423039



4278190356



4292330495



4278190080



4294303743



4294966527



4280954252



4280954252

■ 4280033164

■ 4281875340

■ 4279112332

■ 4282796172

■ 4278191244

■ 4283717260

■ 4284638092

■ 4285559180

■ 4286480012

■ 4287401100

■ 4288322188

■ 4289243020

Harmonies

Analogous

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



4278206873



4280954252



4285464681

Triad

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



4280954252



4285211392



4278209338

Complementary

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



4280954252



4287400234

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.



4278208771



4280954252



4282923264

Square

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



4280954252



4286709774



4279583744



4278209641

Rectangle

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



4280954252



4286644299



4279583744



4278209321

Sweetspot

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



4280954252



4287598773



4280978569



4282730076



4292598747



4284243036

Same Dimension

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



4280954252



4280099509



4283968140



4282269253



4278191237



4278190085

Inverse Universe

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



4287375917



4290059554



4284386346



4282727998



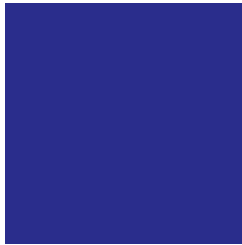
4286906372



4278517760

Previews

White Background



This preview shows how the Android color 4280954252 looks on a white background.

Color Contrast Check

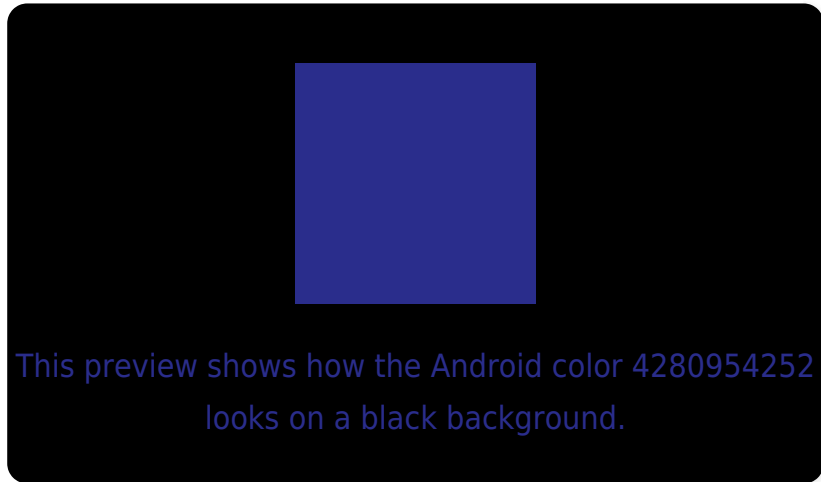
Large Text (above 18pt) WCAG AA ✓ Pass

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

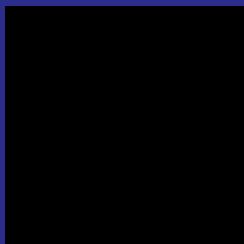
Any Text WCAG AA × Fail

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 4280954252 Background



This preview shows how black text looks on a background with the Android color 4280954252.



This preview shows how white text looks on a background with the Android color 4280954252.

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

4280954252

Protanopia

4278204535

Deuteranopia

4278205542

Trichromacy



Original Color
4280954252

Protanomaly
4279186559

Deuteranomaly
4279187316

Tritanomaly
4279188063

Monochromacy



Original Color
4280954252

Achromatopsia
4281808695

Achromatomaly
4281480022

CSS Examples

Text

The CSS property to change the color of the text to Android 4280954252 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, 45, 140)` looks like.

```
.text, #text, p{  
    color:rgb(42, 45, 140)  
}
```

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, 45, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 45, 140) }
```

Border

The CSS property to change the border of an element to Android 4280954252 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, 45, 140) }
```

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

```
.border{ border-color:rgb(42, 45, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 45, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 45, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 45, 140);  
box-shadow:4px 4px 4px 4px rgb(42, 45,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4280954252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 45, 140) }
```

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

```
.background{ background-color: rgb(42, 45,  
140) }
```

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