

Converting Colors

Android(4280953941)

Have a look what the booklet for
Android(4280953941) contains.

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Color

Android(4280953941)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2A2C55 |
| RGB | 42, 44, 85 |
| RGB Percent | 16%, 17%, 33% |
| CMY | 0.8353, 0.8275, 0.6667 |
| CMYK | 0.51, 0.48, 0.00, 0.67 |
| HSL | 237°, 34%, 25% |
| HSV | 237°, 51%, 33% |
| XYZ | 3.4952, 2.9495, 8.9794 |
| YIQ | 48.0760, -14.3530, 12.3270 |

Conversions

Conversions Part 2

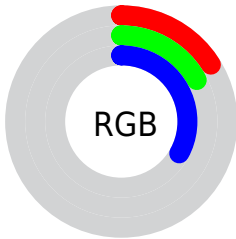
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 42, 44, 85 |
| Decimal | 2763861 |
| CIE _{Lab} | 19.84, 11.79, -25.26 |
| CIE _{LCh} | 20, 27.875, 295.012 |
| Yxy | 2.9495, 0.2266, 0.1912 |
| Android (android.graphics.Color) | 4280953941 (0xFF2A2C55) |
| YUV | 48.0760, 18.2035, -5.3287 |
| Hunter-Lab | 17.1741, 6.2733, -18.9778 |

Details

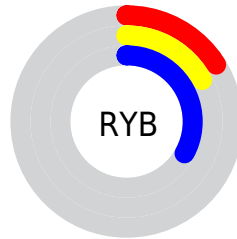
The Android color **4280953941** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283781930**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4284111239**, and **4278190120** is the 20% darker color. If you saturate the color by 10%, you get **4280362069**, and if you desaturate by 10%, it is **4281480277**.

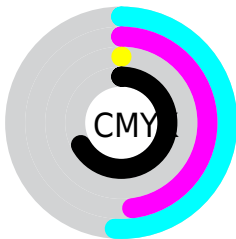
Distribution



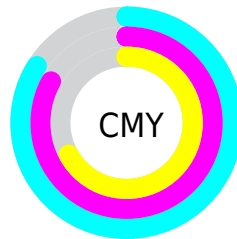
- Red (16%)
- Green (17%)
- Blue (33%)



- Red (16%)
- Yellow (17%)
- Blue (33%)



- Cyan (51%)
- Magenta (48%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280953941 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 4280953941 by changing the saturation by 10% instead.

4280953941

4280953941

4294967295

4279375934

4284111239

4278190120

4285821601

4278190353

4287531964

4278190080

4289308376

4291084789

4292992511

4294834687

4280953941

4280953941

■ 4280362069

■ 4281480277

■ 4279835733

■ 4282072149

■ 4279243861

■ 4282598485

■ 4278717525

■ 4283190357

■ 4278191189

■ 4283716949

■ 4284308821

■ 4284835157

■ 4285427029

■ 4285953365

Harmonies

Analogous

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



4278203225



4280953941



4282721096

Triad

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



4280953941



4283180558



4278204716

Complementary

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



4280953941



4283781930

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.



4279121943



4280953941



4282265089

Square

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



4280953941



4283702816



4280955910



4278204993

Rectangle

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



4280953941



4283440699



4280955910



4278204709

Sweetspot

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



4280953941



4284309102



4280964435



4281216568



4290295992



4281874488

Same Dimension

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



4280953941



4281020014



4282198613



4280756011



4278191467



4278193131

Inverse Universe

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



4283771436



4285410094



4282537258



4281018151



4285202437



4293591051

Previews

White Background



This preview shows how the Android color 4280953941 looks on a white background.

Color Contrast Check

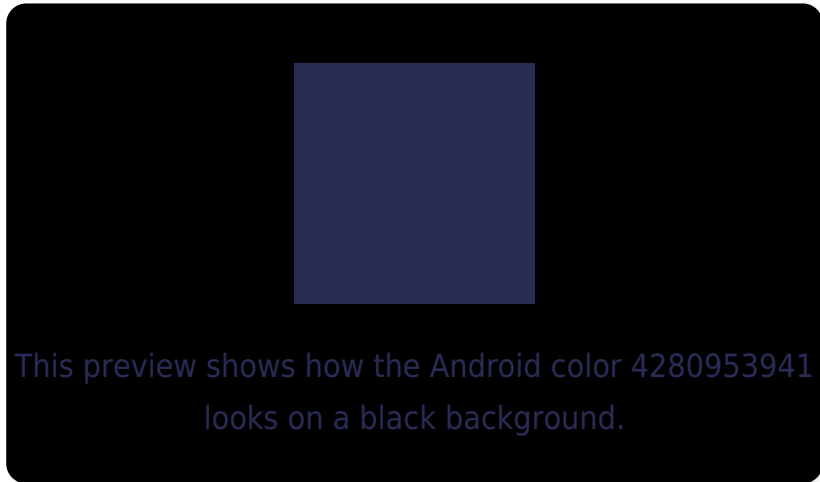
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280953941 Background



This preview shows how black text looks on a background with the Android color 4280953941.



This preview shows how white text looks on a background with the Android color 4280953941.

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

4280953941

Protanopia

4280037208

Deuteranopia

4279382356

Trichromacy



Original Color

4280953941

Protanomaly

4280364631

Deuteranomaly

4279971668

Tritanomaly

4280561730

Monochromacy



Original Color

4280953941

Achromatopsia

4281348144

Achromatomaly

4281216829

CSS Examples

Text

The CSS property to change the color of the text to Android 4280953941 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, 44, 85)` looks like.

```
.text, #text, p{  
    color:rgb(42, 44, 85)  
}
```

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, 44, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 44, 85) }
```

Border

The CSS property to change the border of an element to Android 4280953941 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, 44, 85) }
```

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

```
.border{ border-color:rgb(42, 44, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 44, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 44, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 44, 85);  
box-shadow:4px 4px 4px 4px rgb(42, 44, 85)  
}
```

Background

The CSS property to change the background color of an element to Android 4280953941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 44, 85) }
```

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

```
.background{ background-color: rgb(42, 44,  
85) }
```

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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