

Converting Colors

Android(4282393241)

Have a look what the booklet for
Android(4282393241) contains.

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Color

Android(4282393241)

Conversions

Conversions Part 1

Format	Color
Hex	402299
RGB	64, 34, 153
RGB Percent	25%, 13%, 60%
CMY	0.7490, 0.8667, 0.4000
CMYK	0.58, 0.78, 0.00, 0.40
HSL	255°, 64%, 37%
HSV	255°, 78%, 60%
XYZ	8.4361, 4.5340, 30.5675
YIQ	56.5360, -20.3190, 43.3690

Conversions

Conversions Part 2

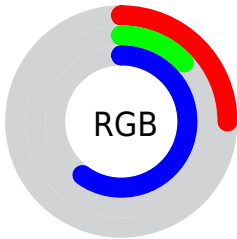
Format	Color
R _Y B	64, 34, 153
Decimal	4203161
CIE Lab	25.36, 44.74, -59.64
CIE LCh	25, 74.559, 306.878
Yxy	4.5340, 0.1938, 0.1041
Android (android.graphics.Color)	4282393241 (0xFF402299)
YUV	56.5360, 47.5568, 6.5459
Hunter-Lab	21.2931, 33.4574, -70.2092

Details

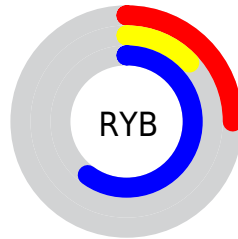
The Android color **4282393241** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4286290210**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4286206672**, and **4278190181** is the 20% darker color. If you saturate the color by 10%, you get **4281668505**, and if you desaturate by 10%, it is **4283117977**.

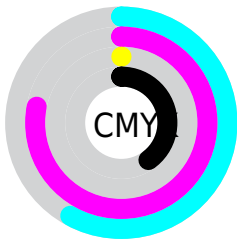
Distribution



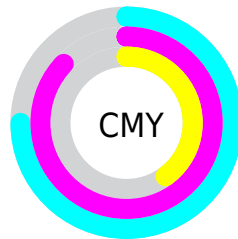
- Red (25%)
- Green (13%)
- Blue (60%)



- Red (25%)
- Yellow (13%)
- Blue (60%)



- Cyan (58%)
- Magenta (78%)
- Yellow (0%)
- Black (40%)



- Cyan (75%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282393241 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 4282393241 by changing the saturation by 10% instead.



4282393241



4282393241

4294967295



4280223870



4286206672



4278190181



4288048365



4278190156



4289955583



4278191156



4291862783



4278190622



4293836031



4278190080



4294957311



4294964735



4282393241



4282393241

■ 4281668505

■ 4283117977

■ 4280877977

■ 4283908505

■ 4280746137

■ 4284633241

■ 4285423513

■ 4286148249

■ 4286938777

■ 4287663513

■ 4288453785

■ 4289178777

Harmonies

Analogous

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



4278207152



4282393241



4286840938

Triad

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



4282393241



4285277696



4278210632

Complementary

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



4282393241



4286290210

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.



4278210055



4282393241



4282334976

Square

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



4282393241



4287365120



4278208768



4278210944

Rectangle

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



4282393241



4287955013



4278208768



4278210357

Sweetspot

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



4282393241



4289042887



4280449945



4283385955



4293125091



4284703587

Same Dimension

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



4282393241



4282191559



4286259865



4282860877



4280483980



4278386701

Inverse Universe

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



4288225915



4291235480



4282423586



4283254091



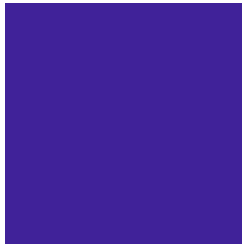
4287365225



4279042058

Previews

White Background



This preview shows how the Android color 4282393241 looks on a white background.

Color Contrast Check

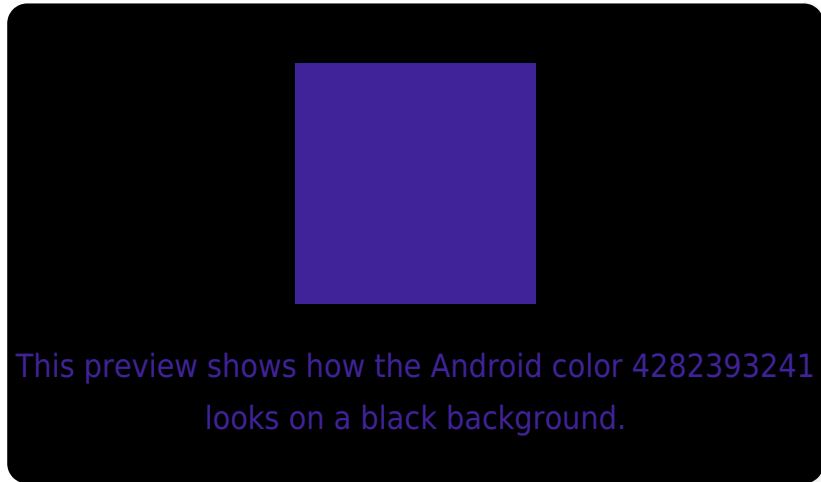
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282393241 Background



This preview shows how black text looks on a background with the Android color 4282393241.



This preview shows how white text looks on a background with the Android color 4282393241.

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

4282393241

Protanopia

4278205307

Deuteranopia

4278206057

Trichromacy



Original Color
4282393241

Protanomaly
4279710342

Deuteranomaly
4279710842

Tritanomaly
4280956517

Monochromacy



Original Color
4282393241

Achromatopsia
4281940281

Achromatomaly
4282134876

CSS Examples

Text

The CSS property to change the color of the text to Android 4282393241 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, 34, 153)` looks like.

```
.text, #text, p{  
    color:rgb(64, 34, 153)  
}
```

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, 34, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 34, 153) }
```

Border

The CSS property to change the border of an element to Android 4282393241 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, 34, 153) }
```

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

```
.border{ border-color:rgb(64, 34, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 34, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 34, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 34, 153);  
box-shadow:4px 4px 4px 4px rgb(64, 34,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4282393241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 34, 153) }
```

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

```
.background{ background-color: rgb(64, 34,  
153) }
```

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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