

Converting Colors

Android(4282269351)

Have a look what the booklet for
Android(4282269351) contains.

Android(4282269351)	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(4282269351)

Conversions

Conversions Part 1

Format	Color
Hex	3E3EA7
RGB	62, 62, 167
RGB Percent	24%, 24%, 65%
CMY	0.7569, 0.7569, 0.3451
CMYK	0.63, 0.63, 0.00, 0.35
HSL	240°, 46%, 45%
HSV	240°, 63%, 65%
XYZ	10.6843, 7.2594, 37.3973
YIQ	73.9700, -33.7050, 32.6550

Conversions

Conversions Part 2

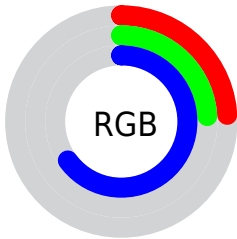
Format	Color
RYB	62, 62, 167
Decimal	4079271
CIELab	32.39, 32.73, -56.63
CIELCh	32, 65.409, 300.025
Yxy	7.2594, 0.1931, 0.1312
Android (android.graphics.Color)	4282269351 (0xFF3E3EA7)
YUV	73.9700, 45.8638, -10.4977
Hunter-Lab	26.9433, 23.6329, -63.4343

Details

The Android color `4282269351` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4289177406`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4286148319`, and `4278195058` is the 20% darker color. If you saturate the color by 10%, you get `4281150887`, and if you desaturate by 10%, it is `4283387815`.

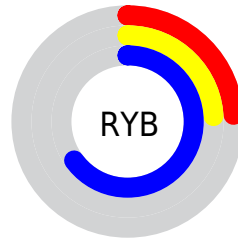
Distribution



Red (24%)

Green (24%)

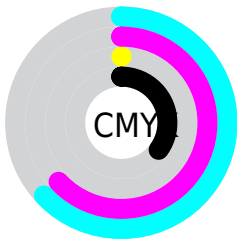
Blue (65%)



Red (24%)

Yellow (24%)

Blue (65%)

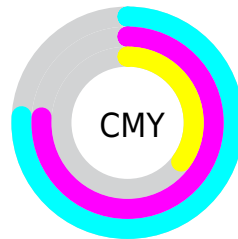


Cyan (63%)

Magenta (63%)

Yellow (0%)

Black (35%)



Cyan (76%)

Magenta (76%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282269351 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 4282269351 by changing the saturation by 10% instead.



4282269351



4282269351

4294967295



4279904396



4286148319



4278195058



4287989756



4278190169



4289897215



4278191936



4291804671



4278190889



4293777919



4278190355



4294964735



4278190080



4282269351



4282269351



4281150887



4283387815

■ 4280098215

■ 4284440487

■ 4278979751

■ 4285558951

■ 4278190247

■ 4286677415

■ 4287795879

■ 4288848551

■ 4289967015

■ 4291085479

■ 4292138151

Harmonies

Analogous

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



4278211765



4282269351



4287042945

Triad

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



4282269351



4286919424



4278214731

Complementary

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



4282269351



4289177406

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.



4278214161



4282269351



4284369408

Square

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



4282269351



4288479260



4280899328



4278215039

Rectangle

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



4282269351



4288413792



4280899328



4278214713

Sweetspot

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



4282269351



4289769689



4282296231



4283716718



4293783021



4285427310

Same Dimension

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



4282269351



4281743065



4285677223



4283190356



4278190228



4278190100

Inverse Universe

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



4289150631



4292425433



4285703998



4283714644



4287889556



4279500820

Previews

White Background



This preview shows how the Android color 4282269351 looks on a white background.

Color Contrast Check

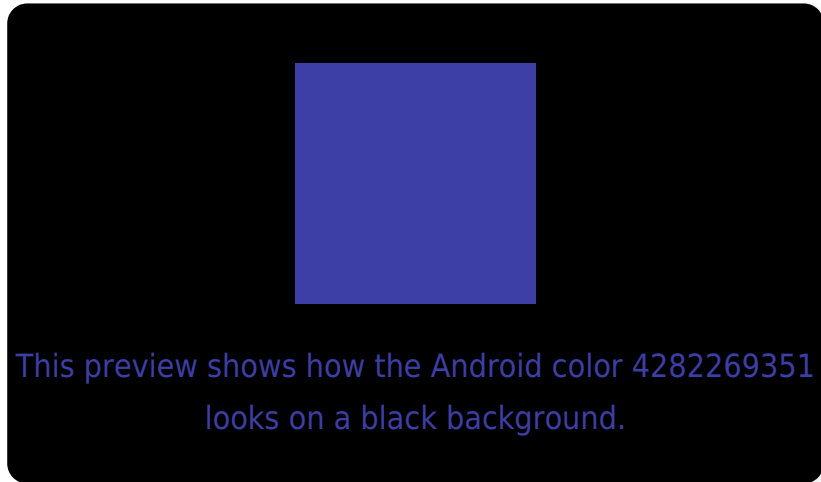
Large Text (above 18pt) WCAG AA ✓ Pass

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

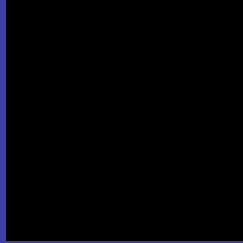
Any Text WCAG AA × Fail

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 4282269351 Background



This preview shows how black text looks on a background with the Android color 4282269351.



This preview shows how white text looks on a background with the Android color 4282269351.

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
4282269351

Protanopia
4278208923

Deuteranopia
4278210182

Trichromacy



Original Color
4282269351

Protanomaly
4279715231

Deuteranomaly
4279715986

Tritanomaly
4280372343

Monochromacy



Original Color
4282269351

Achromatopsia
4283058762

Achromatomaly
4282795628

CSS Examples

Text

The CSS property to change the color of the text to Android 4282269351 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(62, 62, 167)` looks like.

```
.text, #text, p{  
    color:rgb(62, 62, 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(62, 62, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 62, 167) }
```

Border

The CSS property to change the border of an element to Android 4282269351 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(62, 62, 167) }
```

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

```
.border{ border-color:rgb(62, 62, 167) }
```

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

Here you see how a box with a 4 pixel rgb(62, 62, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 62, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 62, 167);  
box-shadow:4px 4px 4px 4px rgb(62, 62,  
167) }
```

Background

The CSS property to change the background color of an element to Android 4282269351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 62, 167) }
```

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

```
.background{ background-color: rgb(62, 62,  
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](#).

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