

Converting Colors

Android(4281350812)

Have a look what the booklet for
Android(4281350812) contains.

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Color

Android(4281350812)

Conversions

Conversions Part 1

Format	Color
Hex	303A9C
RGB	48, 58, 156
RGB Percent	19%, 23%, 61%
CMY	0.8118, 0.7725, 0.3882
CMYK	0.69, 0.63, 0.00, 0.39
HSL	234°, 53%, 40%
HSV	234°, 69%, 61%
XYZ	8.7327, 6.0548, 32.1609
YIQ	66.1820, -37.4180, 28.3580

Conversions

Conversions Part 2

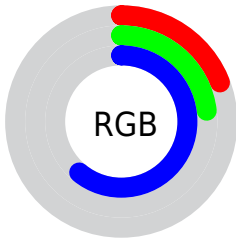
Format	Color
R_{YB}	48, 57, 156
Decimal	3160732
CIE _{Lab}	29.55, 29.28, -54.66
CIE _{LCh}	30, 62.008, 298.178
Yxy	6.0548, 0.1860, 0.1290
Android (android.graphics.Color)	4281350812 (0xFF303A9C)
YUV	66.1820, 44.2803, -15.9456
Hunter-Lab	24.6065, 20.2875, -60.2681

Details

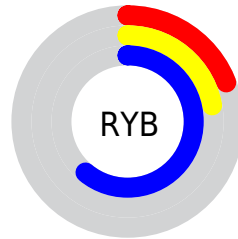
The Android color `4281350812` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4288451120`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4285295059`, and `4278194536` is the 20% darker color. If you saturate the color by 10%, you get `4280298652`, and if you desaturate by 10%, it is `4282402972`.

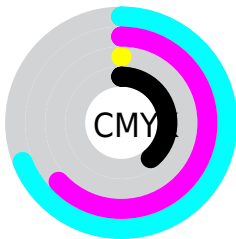
Distribution



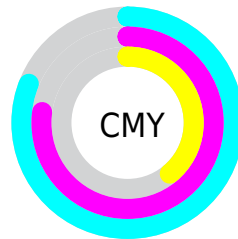
- Red (19%)
- Green (23%)
- Blue (61%)



- Red (19%)
- Yellow (22%)
- Blue (61%)



- Cyan (69%)
- Magenta (63%)
- Yellow (0%)
- Black (39%)





- Cyan (81%)
- Magenta (77%)
- Yellow (39%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281350812 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 4281350812 by changing the saturation by 10% instead.

 4281350812

 4281350812

4294967295

 4278199425

 4285295059

 4278194536

 4287136496

 4278190159

 4289043711

 4278191415

 4290951167


 4278190625


 4292858879

 4278190085

 4294832127

 4278190080

 4281350812

 4281350812

 4280298652

 4282402972

■ 4279312028

■ 4283389596

■ 4278259868

■ 4284441756

■ 4278193820

■ 4285428636

■ 4286480796

■ 4287532956

■ 4288519580

■ 4289571740

■ 4290558364

Harmonies

Analogous

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



4278209960



4281350812



4286190969

Triad

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



4281350812



4286327808



4278212673

Complementary

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



4281350812



4288451120

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.



4278212105



4281350812



4284039936

Square

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



4281350812



4287758364



4280897536



4278212978

Rectangle

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



4281350812



4287561819



4280897536



4278212656

Sweetspot

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



4281350812



4288783820



4281375889



4283256678



4293322470



4284900966

Same Dimension

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



4281350812



4280496844



4284166300



4282861647



4278193551



4278190351

Inverse Universe

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



4288426042



4291568434



4285635632



4283385672



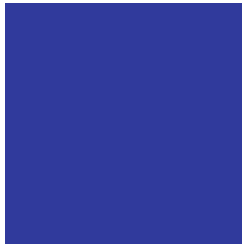
4287561741



4279173121

Previews

White Background



This preview shows how the Android color 4281350812 looks on a white background.

Color Contrast Check

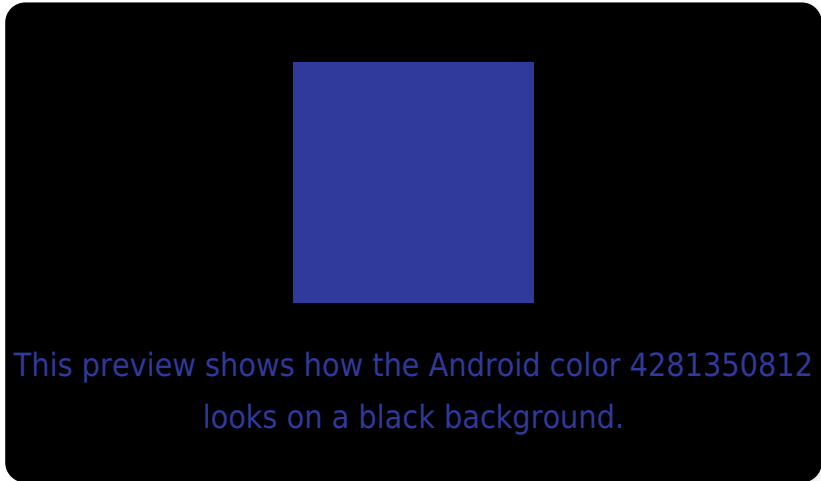
Large Text (above 18pt) WCAG AA ✓ Pass

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

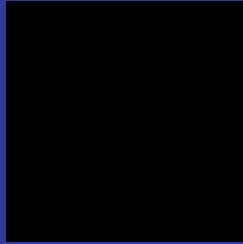
Any Text WCAG AA × Fail

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 4281350812 Background



This preview shows how black text looks on a background with the Android color 4281350812.



This preview shows how white text looks on a background with the Android color 4281350812.

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

4281350812

Protanopia

4278207374

Deuteranopia

4278208378

Trichromacy



Original Color
4281350812

Protanomaly
4279320723

Deuteranomaly
4279321222

Tritanomaly
4279322222

Monochromacy



Original Color
4281350812

Achromatopsia
4282532418

Achromatomaly
4282072931

CSS Examples

Text

The CSS property to change the color of the text to Android 4281350812 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(48, 58, 156)` looks like.

```
.text, #text, p{  
    color:rgb(48, 58, 156)  
}
```

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(48, 58, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 58, 156) }
```

Border

The CSS property to change the border of an element to Android 4281350812 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(48, 58, 156) }
```

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

```
.border{ border-color:rgb(48, 58, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 58, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 58, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 58, 156);  
box-shadow:4px 4px 4px 4px rgb(48, 58,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4281350812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 58, 156) }
```

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

```
.background{ background-color: rgb(48, 58,  
156) }
```

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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