

Converting Colors

Android(4280504233)

Have a look what the booklet for
Android(4280504233) contains.

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Color

Android(4280504233)

Conversions

Conversions Part 1

Format	Color
Hex	234FA9
RGB	35, 79, 169
RGB Percent	14%, 31%, 66%
CMY	0.8627, 0.6902, 0.3373
CMYK	0.79, 0.53, 0.00, 0.34
HSL	220°, 66%, 40%
HSV	220°, 79%, 66%
XYZ	10.6506, 8.8139, 38.6760
YIQ	76.1040, -55.1140, 18.6620

Conversions

Conversions Part 2

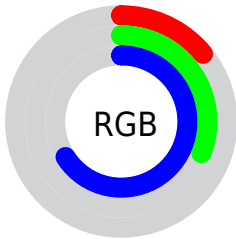
Format	Color
R_{YB}	35, 68, 169
Decimal	2314153
CIE _{Lab}	35.62, 18.54, -52.64
CIE _{LCh}	36, 55.805, 289.403
Yxy	8.8139, 0.1832, 0.1516
Android (android.graphics.Color)	4280504233 (0xFF234FA9)
YUV	76.1040, 45.7977, -36.0482
Hunter-Lab	29.6881, 12.0822, -56.4579

Details

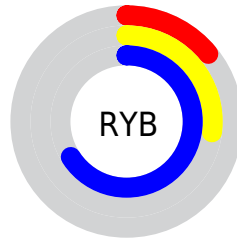
The Android color `4280504233` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289297699`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4284842209`, and `4278199412` is the 20% darker color. If you saturate the color by 10%, you get `4279387305`, and if you desaturate by 10%, it is `4281621161`.

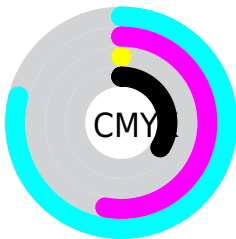
Distribution



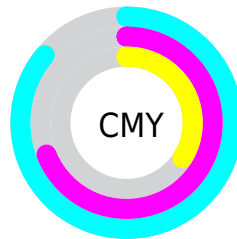
- Red (14%)
- Green (31%)
- Blue (66%)



- Red (14%)
- Yellow (27%)
- Blue (66%)



- Cyan (79%)
- Magenta (53%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (69%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280504233 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 4280504233 by changing the saturation by 10% instead.

■ 4280504233

■ 4280504233

4294967295

■ 4278204814

■ 4284842209

■ 4278199412

■ 4286814718

■ 4278194523

■ 4288722175

■ 4278191938

■ 4290629631

■ 4278190891

■ 4292603135

■ 4278190358

■ 4294574079

■ 4278190080

■ 4280504233

■ 4280504233

■ 4279387305

■ 4281621161

■ 4278270121

■ 4282738345

■ 4278204329

■ 4283855273

■ 4284972201

■ 4286023849

■ 4287140777

■ 4288257705

■ 4289374889

■ 4290491817

Harmonies

Analogous

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



4278214316



4280504233



4286068879

Triad

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



4280504233



4287706893



4278216258

Complementary

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



4280504233



4289297699

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.



4278215185



4280504233



4285746176

Square

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



4280504233



4288749369



4283128320



4278216560

Rectangle

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



4280504233



4287768180



4283128320



4278215986

Sweetspot

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



4280504233



4289181915



4280527228



4283324526



4293783021



4285427310

Same Dimension

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



4280504233



4278931419



4281934761



4283190868



4278202772



4278191892

Inverse Universe

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



4289274703



4292545359



4287867171



4283714638



4287889457



4279500807

Previews

White Background



This preview shows how the Android color 4280504233 looks on a white background.

Color Contrast Check

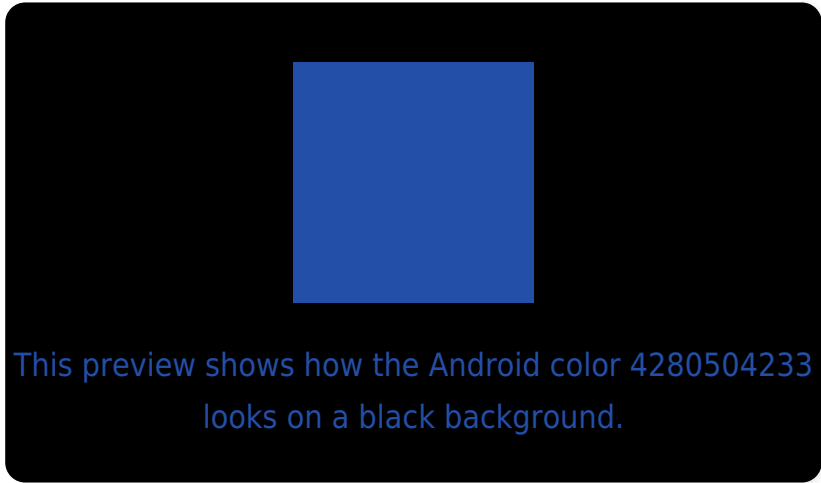
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280504233 Background



This preview shows how black text looks on a background with the Android color 4280504233.



This preview shows how white text looks on a background with the Android color 4280504233.

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

4280504233

Protanopia

4278866091

Deuteranopia

4278211988

Trichromacy



Original Color
4280504233

Protanomaly
4279455914

Deuteranomaly
4279063452

Tritanomaly
4279064700

Monochromacy



Original Color
4280504233

Achromatopsia
4283190348

Achromatomaly
4282207598

CSS Examples

Text

The CSS property to change the color of the text to Android 4280504233 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(35, 79, 169)` looks like.

```
.text, #text, p{  
    color:rgb(35, 79, 169)  
}
```

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(35, 79, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 79, 169) }
```

Border

The CSS property to change the border of an element to Android 4280504233 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(35, 79, 169) }
```

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

```
.border{ border-color:rgb(35, 79, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 79, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 79, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 79, 169);  
box-shadow:4px 4px 4px 4px rgb(35, 79,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4280504233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 79, 169) }
```

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

```
.background{ background-color: rgb(35, 79,  
169) }
```

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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