

Converting Colors

Android(4280505731)

Have a look what the booklet for
Android(4280505731) contains.

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Color

Android(4280505731)

Conversions

Conversions Part 1

Format	Color
Hex	235583
RGB	35, 85, 131
RGB Percent	14%, 33%, 51%
CMY	0.8627, 0.6667, 0.4863
CMYK	0.73, 0.35, 0.00, 0.49
HSL	209°, 58%, 33%
HSV	209°, 73%, 51%
XYZ	8.0384, 8.4930, 22.6884
YIQ	75.2940, -44.5660, 3.7060

Conversions

Conversions Part 2

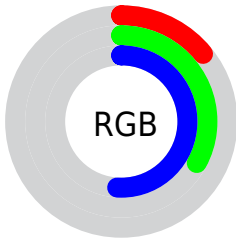
Format	Color
R_{YB}	35, 68, 131
Decimal	2315651
CIE _{Lab}	34.99, -0.31, -30.66
CIE _{LCh}	35, 30.660, 269.423
Yxy	8.4930, 0.2050, 0.2165
Android (android.graphics.Color)	4280505731 (0xFF235583)
YUV	75.2940, 27.4631, -35.3378
Hunter-Lab	29.1428, -1.7647, -25.7588

Details

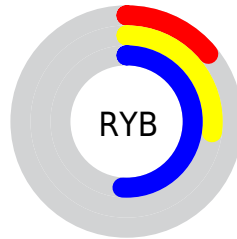
The Android color **4280505731** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4286796067**, and the grayscale version is **4283124555**.

A 20% lighter version of the original color is **4284253880**, and **4278200401** is the 20% darker color. If you saturate the color by 10%, you get **4279652227**, and if you desaturate by 10%, it is **4281359235**.

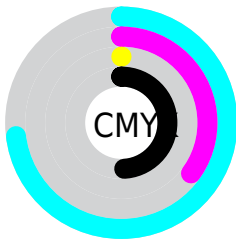
Distribution



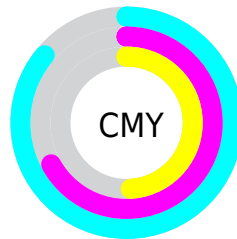
- Red (14%)
- Green (33%)
- Blue (51%)



- Red (14%)
- Yellow (27%)
- Blue (51%)



- Cyan (73%)
- Magenta (35%)
- Yellow (0%)
- Black (49%)



- Cyan (86%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280505731 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 4280505731 by changing the saturation by 10% instead.

■ 4280505731

■ 4280505731

4294967295

■ 4278206058

■ 4284253880

■ 4278200401

■ 4286095572

■ 4278195258

■ 4287871985

■ 4278190628

■ 4289714175

■ 4278190092

■ 4291621887

■ 4278190080

■ 4293525503

■ 4280505731

■ 4280505731

■ 4279652227

■ 4281359235

■ 4278798467

■ 4282212995

■ 4278207619

■ 4283066499

■ 4283920003

■ 4284839043

■ 4285692803

■ 4286546307

■ 4287399811

■ 4288253315

Harmonies

Analogous

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



4278213500



4280505731



4283649149

Triad

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



4280505731



4286529596



4280900664

Complementary

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



4280505731



4286796067

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.



4282931238



4280505731



4285810728

Square

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



4280505731



4286463572



4284567840



4278214481

Rectangle

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



4280505731



4285023858



4284567840



4281686833

Sweetspot

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



4280505731



4286945707



4280517456



4282403927



4292269782



4283914071

Same Dimension

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



4280505731



4279591851



4280493699



4282138434



4278207618



4278190339

Inverse Universe

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



4286784341



4289402211



4286808099



4282530879



4286709828



4278386689

Previews

White Background



This preview shows how the Android color 4280505731 looks on a white background.

Color Contrast Check

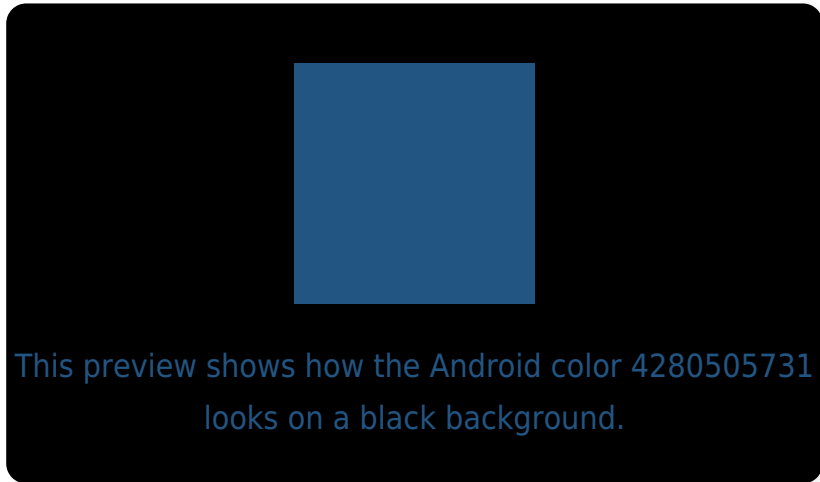
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280505731 Background



This preview shows how black text looks on a background with the Android color 4280505731.



This preview shows how white text looks on a background with the Android color 4280505731.

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
4280505731

Protanopia
4282470527

Deuteranopia
4281684612

Trichromacy



Original Color
4280505731

Protanomaly
4281750144

Deuteranomaly
4281226116

Tritanomaly
4279064942

Monochromacy



Original Color
4280505731

Achromatopsia
4283124555

Achromatomaly
4282142559

CSS Examples

Text

The CSS property to change the color of the text to Android 4280505731 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, 85, 131)` looks like.

```
.text, #text, p{  
    color:rgb(35, 85, 131)  
}
```

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, 85, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 85, 131) }
```

Border

The CSS property to change the border of an element to Android 4280505731 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, 85, 131) }
```

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

```
.border{ border-color:rgb(35, 85, 131) }
```

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

Here you see how a box with a 4 pixel rgb(35, 85, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 85, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 85, 131);  
box-shadow:4px 4px 4px 4px rgb(35, 85,  
131) }
```

Background

The CSS property to change the background color of an element to Android 4280505731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 85, 131) }
```

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

```
.background{ background-color: rgb(35, 85,  
131) }
```

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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