

Converting Colors

Android(4280698585)

Have a look what the booklet for
Android(4280698585) contains.

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Color

Android(4280698585)

Conversions

Conversions Part 1

Format	Color
Hex	2646D9
RGB	38, 70, 217
RGB Percent	15%, 27%, 85%
CMY	0.8510, 0.7255, 0.1490
CMYK	0.82, 0.68, 0.00, 0.15
HSL	229°, 70%, 50%
HSV	229°, 82%, 85%
XYZ	15.5139, 9.8021, 66.7200
YIQ	77.1900, -66.2590, 38.9330

Conversions

Conversions Part 2

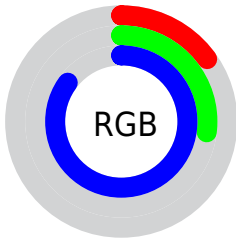
Format	Color
R_{YB}	38, 65, 217
Decimal	2508505
CIE _{Lab}	37.48, 42.71, -77.66
CIE _{LCh}	37, 88.631, 298.811
Yxy	9.8021, 0.1686, 0.1065
Android (android.graphics.Color)	4280698585 (0xFF2646D9)
YUV	77.1900, 68.9263, -34.3696
Hunter-Lab	31.3084, 33.6604, -104.4346

Details

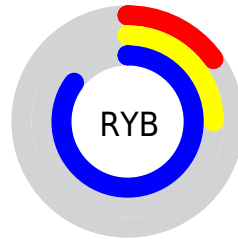
The Android color `4280698585` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4292458790`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4285822975`, and `4278197153` is the 20% darker color. If you saturate the color by 10%, you get `4279252185`, and if you desaturate by 10%, it is `4282144985`.

Distribution



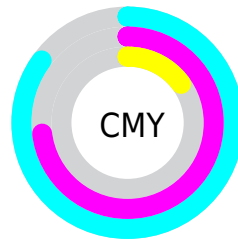
- Red (15%)
- Green (27%)
- Blue (85%)



- Red (15%)
- Yellow (25%)
- Blue (85%)



- Cyan (82%)
- Magenta (68%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (73%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280698585 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 4280698585 by changing the saturation by 10% instead.



4280698585



4280698585

4294967295



4278202557



4285822975



4278197153



4287926527



4278192774



4289965055



4278190187



4292003583



4278192978



4294042367



4278191418



4278190627



4278190091



4278190080

■ 4280698585

■ 4280698585

■ 4279252185

■ 4282144985

■ 4278200281

■ 4283525849

■ 4284971993

■ 4286418393

■ 4287864793

■ 4289245657

■ 4290692057

■ 4292138457

■ 4293519065

Harmonies

Analogous

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



4278216172



4280698585



4289069220

Triad

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



4280698585



4288950016



4278219347

Complementary

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



4280698585



4292458790

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.



4278218240



4280698585



4285486336

Square

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



4280698585



4291166233



4280116992



4278219677

Rectangle

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



4280698585



4291035254



4280116992



4278219066

Sweetspot

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



4280698585



4290759679



4280736184



4284047488



4278190080



4286611584

Same Dimension

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



4280698585



4278399231



4284425945



4284704110



4278198189



4278192174

Inverse Universe

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



4292421190



4294902576



4288731430



4285424485



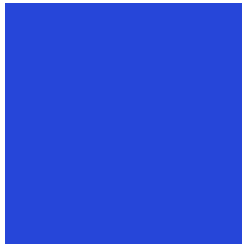
4289527839



4281204744

Previews

White Background



This preview shows how the Android color 4280698585 looks on a white background.

Color Contrast Check

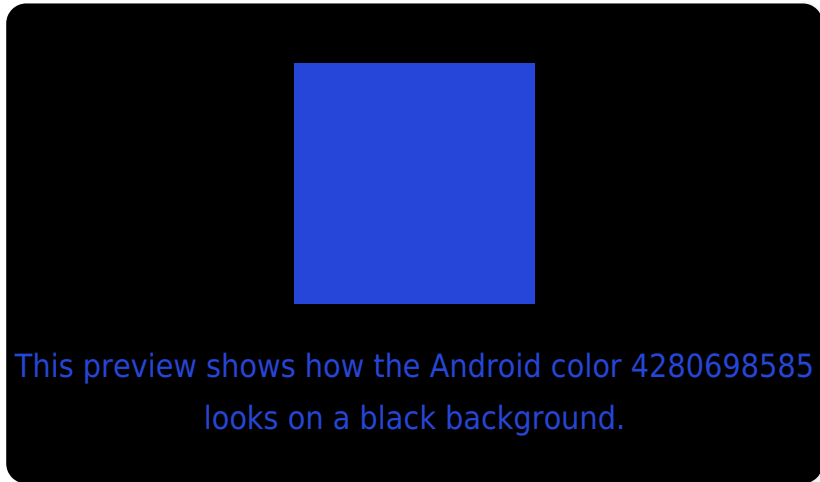
Large Text (above 18pt) WCAG AA ✓ Pass

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

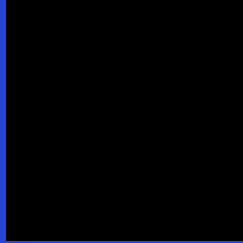
Any Text WCAG AA × Fail

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 4280698585 Background



This preview shows how black text looks on a background with the Android color 4280698585.



This preview shows how white text looks on a background with the Android color 4280698585.

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
4280698585

Protanopia
4278211762

Deuteranopia
4278213272

Trichromacy



Original Color

4280698585

Protanomaly

4279128000

Deuteranomaly

4279129008

Tritanomaly

4279130000

Monochromacy



Original Color

4280698585

Achromatopsia

4283256141

Achromatomaly

4282337920

CSS Examples

Text

The CSS property to change the color of the text to Android 4280698585 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(38, 70, 217)` looks like.

```
.text, #text, p{  
    color:rgb(38, 70, 217)  
}
```

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(38, 70, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 70, 217) }
```

Border

The CSS property to change the border of an element to Android 4280698585 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(38, 70, 217) }
```

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

```
.border{ border-color:rgb(38, 70, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 70, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 70, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 70, 217);  
box-shadow:4px 4px 4px 4px rgb(38, 70,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4280698585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 70, 217) }
```

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

```
.background{ background-color: rgb(38, 70,  
217) }
```

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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