Converting Colors

Android(4280685475)

Have a look what the booklet for Android(4280685475) contains.

Color

Android(4280685475)

Conversions

Conversions Part 1

Format	Color
Hex	2613A3
RGB	38, 19, 163
RGB Percent	15%, 7%, 64%
CMY	0.8510, 0.9255, 0.3608
CMYK	0.77, 0.88, 0.00, 0.36
HSL	248°, 79%, 36%
HSV	248°, 88%, 64%
XYZ	7.6431, 3.5222, 34.9273
YIQ	41.0970, -34.9000, 48.8120

Conversions

Conversions Part 2

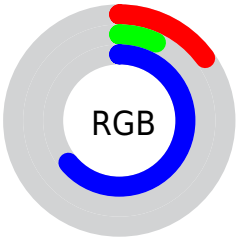
Format	Color
RYB	38, 19, 163
Decimal	2495395
CIELab	22.02, 51.92, -71.35
CIELCh	22, 88.239, 306.041
Yxy	3.5222, 0.1658, 0.0764
Android (android.graphics.Color)	4280685475 (0xFF2613A3)
YUV	41.0970, 60.0982, -2.7161
Hunter-Lab	18.7674, 39.8515, -97.2053

Details

The Android color 4280685475 is a dark color, and the websafe version is hex 330099. A complement of this color would be 4287669011, and the grayscale version is 4280887593.

A 20% lighter version of the original color is 4285154779, and 4278190190 is the 20% darker color. If you saturate the color by 10%, you get 4279763875, and if you desaturate by 10%, it is 4281607075.

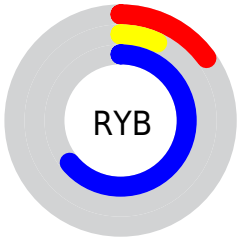
Distribution



Red (15%)

Green (7%)

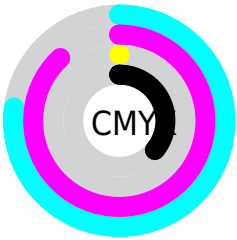
Blue (64%)



Red (15%)

Yellow (7%)

Blue (64%)

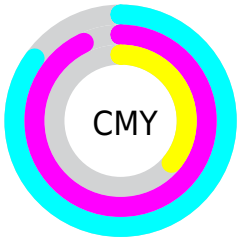


Cyan (77%)

Magenta (88%)

Yellow (0%)

Black (36%)



Cyan (85%)

Magenta (93%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280685475 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 4280685475 by changing the saturation by 10% instead.

4280685475

4294967295

4285154779

4287127544

4289100031

4291073023

4293046015

4294953727

4294960895

4280685475

4280685475

4278190216

4278190190

4278190164

4278191676

4278190629

4278190350

4278190080

4280685475

4279763875

4279632035

4281607075

4282528931

4283450531

4284437667

4285359523

4286281123

4287202723

4288124323

4289046179

Harmonies

Analogous

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

4278206142

4280685475

4286906476

Triad

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

4280685475

4285076736

4278208833

Complementary

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

4280685475

4287669011

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.

4278208256

4280685475

4281743104

Square

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

4280685475

4287430656

4278207232

4278209411

Rectangle

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

4280685475

4288151617

4278207232

4278208554

Sweetspot

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

4280685475

4288846804

4279472803

4283255147

4293651435

4285229931

Same Dimension

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

4280685475

4280025300

4285272995

4283124050

4279435409

4278321170

Inverse Universe

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

4288877456

4292083896

4283081491

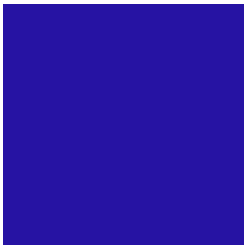
4283582801

4287692926

4279369743

Previews

White Background

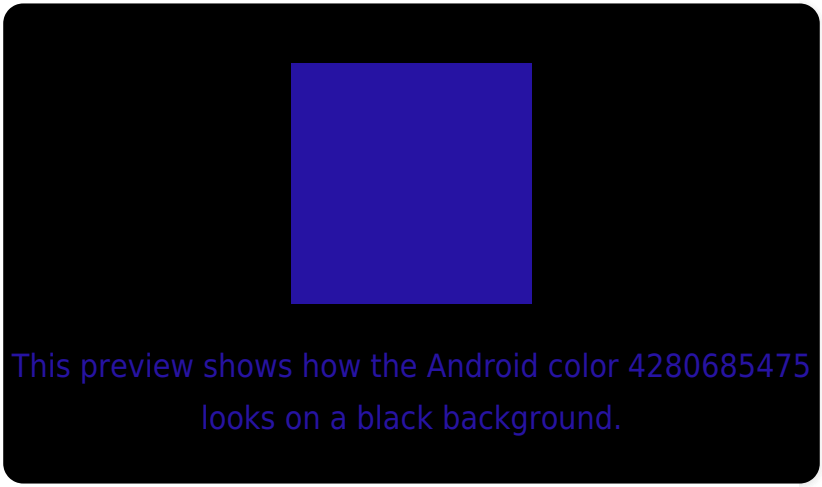


This preview shows how the Android color 4280685475 looks on a white background.

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

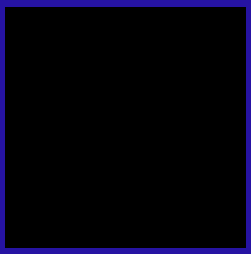


Color Contrast Check

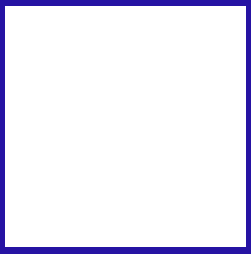
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4280685475 Background



This preview shows how black text looks on a background with the Android color 4280685475.



This preview shows how white text looks on a background with the Android color 4280685475.

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
4280685475

Protanopia
4278203501

Deuteranopia
4278204509

Tritanopia
4278205503

Trichromacy

Original Color
4280685475

Protanomaly
4279117953

Deuteranomaly
4279118710

Tritanomaly
4279119203

Monochromacy

Original Color
4280685475

Achromatopsia
4280887593

Achromatomaly
4280820053

CSS Examples

Text

The CSS property to change the color of the text to Android 4280685475 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, 19, 163) looks like.

```
.text, #text, p{
    color:rgb(38, 19, 163)
}
```

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, 19, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 19, 163) }
```

Border

The CSS property to change the border of an element to Android 4280685475 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, 19, 163) }
```

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

```
.border{ border-color:rgb(38, 19, 163) }
```

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

Here you see how a box with a 4 pixel rgb(38, 19, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(38, 19, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(38, 19, 163); box-shadow:4px 4px 4px 4px rgb(38, 19, 163) }
```

Background

The CSS property to change the background color of an element to Android 4280685475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(38, 19, 163) }
```

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

```
.background{ background-color:rgb(38, 19,
163) }
```

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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