

Converting Colors

Android(4280036749)

Have a look what the booklet for
Android(4280036749) contains.

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Color

Android(4280036749)

Conversions

Conversions Part 1

Format	Color
Hex	1C2D8D
RGB	28, 45, 141
RGB Percent	11%, 18%, 55%
CMY	0.8902, 0.8235, 0.4471
CMYK	0.80, 0.68, 0.00, 0.45
HSL	231°, 67%, 33%
HSV	231°, 80%, 55%
XYZ	6.2250, 4.0467, 25.6523
YIQ	50.8610, -40.9480, 26.2520

Conversions

Conversions Part 2

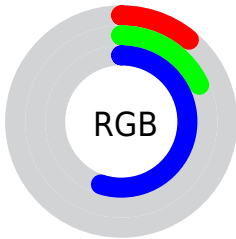
Format	Color
RYB	28, 43, 141
Decimal	1846669
CIELab	23.83, 29.88, -54.86
CIELCh	24, 62.471, 298.578
Yxy	4.0467, 0.1733, 0.1126
Android (android.graphics.Color)	4280036749 (0xFF1C2D8D)
YUV	50.8610, 44.4385, -20.0491
Hunter-Lab	20.1165, 20.0324, -61.5243

Details

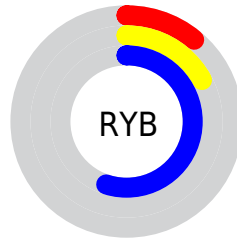
The Android color `4280036749` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4287462428`, and the grayscale version is `4281479730`.

A 20% lighter version of the original color is `4284308420`, and `4278190682` is the 20% darker color. If you saturate the color by 10%, you get `4279116173`, and if you desaturate by 10%, it is `4280957325`.

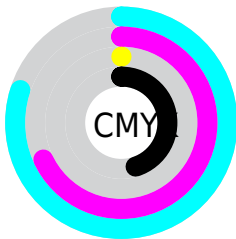
Distribution



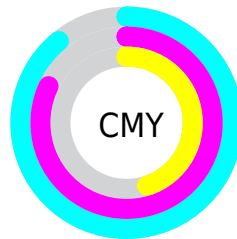
- Red (11%)
- Green (18%)
- Blue (55%)



- Red (11%)
- Yellow (17%)
- Blue (55%)



- Cyan (80%)
- Magenta (68%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280036749 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 4280036749 by changing the saturation by 10% instead.

■ 4280036749

■ 4280036749

4294967295

■ 4278196339

■ 4284308420

■ 4278190682

■ 4286149600

■ 4278191169

■ 4288056829

■ 4278190890

■ 4289898495

■ 4278190356

■ 4291871743

■ 4278190080

■ 4293779455

■ 4294966271

■ 4280036749

■ 4280036749

■ 4279116173

■ 4280957325

■ 4278195597

■ 4281877901

■ 4282798477

■ 4283719053

■ 4284705165

■ 4285625741

■ 4286546317

■ 4287466893

■ 4288387469

Harmonies

Analogous

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



4278206873



4280036749



4285202539

Triad

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



4280036749



4285210112



4278209077

Complementary

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



4280036749



4287462428

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.



4278208512



4280036749



4282988288

Square

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



4280036749



4286644239



4279648768



4278209381

Rectangle

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



4280036749



4286513229



4279648768



4278208804

Sweetspot

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



4280036749



4287402680



4280061306



4282467676



4292598747



4284243036

Same Dimension

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



4280036749



4278657720



4282522765



4282401095



4278195335



4278190344

Inverse Universe

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



4287437869



4290250530



4284976412



4282859585



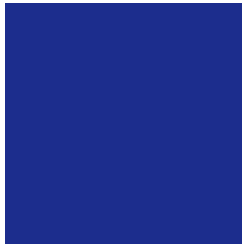
4287037460



4278714369

Previews

White Background



This preview shows how the Android color 4280036749 looks on a white background.

Color Contrast Check

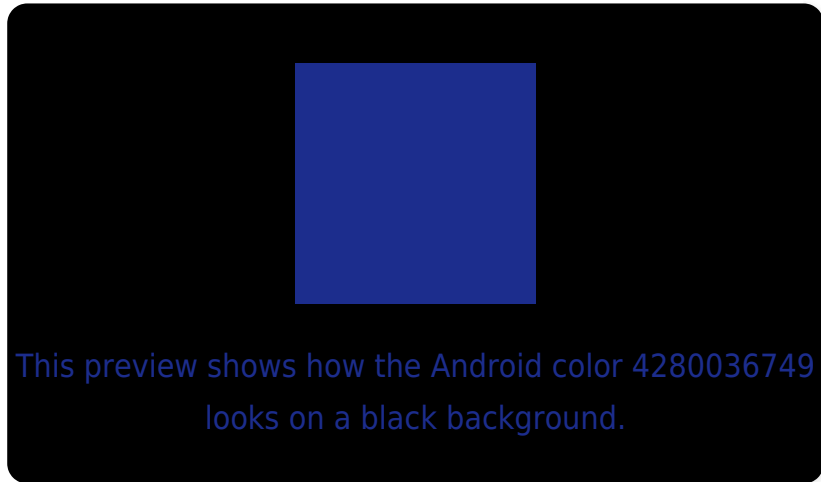
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280036749 Background



This preview shows how black text looks on a background with the Android color 4280036749.



This preview shows how white text looks on a background with the Android color 4280036749.

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

4280036749

Protanopia

4278204276

Deuteranopia

4278205283

Trichromacy



Original Color

4280036749

Protanomaly

4278858621

Deuteranomaly

4278859378

Tritanomaly

4278859870

Monochromacy



Original Color

4280036749

Achromatopsia

4281545523

Achromatomaly

4281020756

CSS Examples

Text

The CSS property to change the color of the text to Android 4280036749 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(28, 45, 141)` looks like.

```
.text, #text, p{  
    color:rgb(28, 45, 141)  
}
```

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(28, 45, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 45, 141) }
```

Border

The CSS property to change the border of an element to Android 4280036749 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(28, 45, 141) }
```

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

```
.border{ border-color:rgb(28, 45, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 45, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 45, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 45, 141);  
box-shadow:4px 4px 4px 4px rgb(28, 45,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4280036749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 45, 141) }
```

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

```
.background{ background-color: rgb(28, 45,  
141) }
```

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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