

Converting Colors

Android(4281276072)

Have a look what the booklet for
Android(4281276072) contains.

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Color

Android(4281276072)

Conversions

Conversions Part 1

Format	Color
Hex	2F16A8
RGB	47, 22, 168
RGB Percent	18%, 9%, 66%
CMY	0.8157, 0.9137, 0.3412
CMYK	0.72, 0.87, 0.00, 0.34
HSL	250°, 77%, 37%
HSV	250°, 87%, 66%
XYZ	8.5271, 4.0053, 37.3695
YIQ	46.1190, -31.9660, 50.7060

Conversions

Conversions Part 2

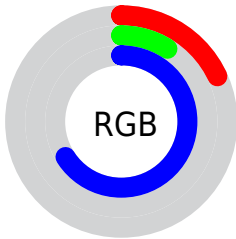
Format	Color
R_{YB}	47, 22, 168
Decimal	3085992
CIE _{Lab}	23.69, 52.76, -71.60
CIE _{LCh}	24, 88.938, 306.386
Yxy	4.0053, 0.1709, 0.0803
Android (android.graphics.Color)	4281276072 (0xFF2F16A8)
YUV	46.1190, 60.0873, 0.7726
Hunter-Lab	20.0133, 41.0305, -96.6990

Details

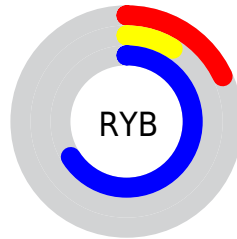
The Android color `4281276072` is a dark color, and the websafe version is hex `330099`. A complement of this color would be `4287604758`, and the grayscale version is `4281216558`.

A 20% lighter version of the original color is `4285614561`, and `4278190194` is the 20% darker color. If you saturate the color by 10%, you get `4280354216`, and if you desaturate by 10%, it is `4282197928`.

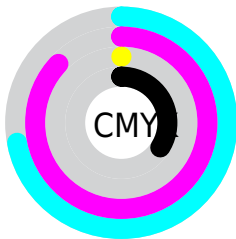
Distribution



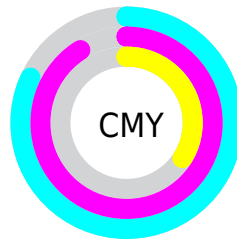
- Red (18%)
- Green (9%)
- Blue (66%)



- Red (18%)
- Yellow (9%)
- Blue (66%)



- Cyan (72%)
- Magenta (87%)
- Yellow (0%)
- Black (34%)





- Cyan (82%)
- Magenta (91%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281276072 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 4281276072 by changing the saturation by 10% instead.

 4281276072

 4281276072

4294967295

 4278190221

 4285614561

 4278190194

 4287587070

 4278190169

 4289494271

 4278191936

 4291467263

 4278190889


 4293505791


 4278190355

 4294954751

 4278190080

 4294962175

 4281276072

 4281276072

■ 4280354216

■ 4282197928

■ 4280090792

■ 4283119784

■ 4284041384

■ 4284963240

■ 4285885096

■ 4286806952

■ 4287663272

■ 4288584872

■ 4289506728

Harmonies

Analogous

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



4278206916



4281276072



4287299696

Triad

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



4281276072



4285405696



4278209862

Complementary

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



4281276072



4287604758

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.



4278209280



4281276072



4282006272

Square

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



4281276072



4287823872



4278208256



4278210441

Rectangle

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



4281276072



4288544836



4278208256



4278209838

Sweetspot

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



4281276072



4289503963



4279668904



4283518062



4293783021



4285427310

Same Dimension

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



4281276072



4280680667



4285994664



4283255892



4279828628



4278386708

Inverse Universe

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



4289205903



4292542646



4282886166



4283714643



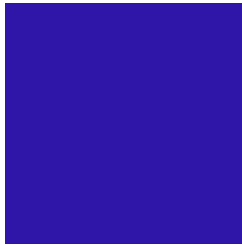
4287889531



4279500817

Previews

White Background



This preview shows how the Android color 4281276072 looks on a white background.

Color Contrast Check

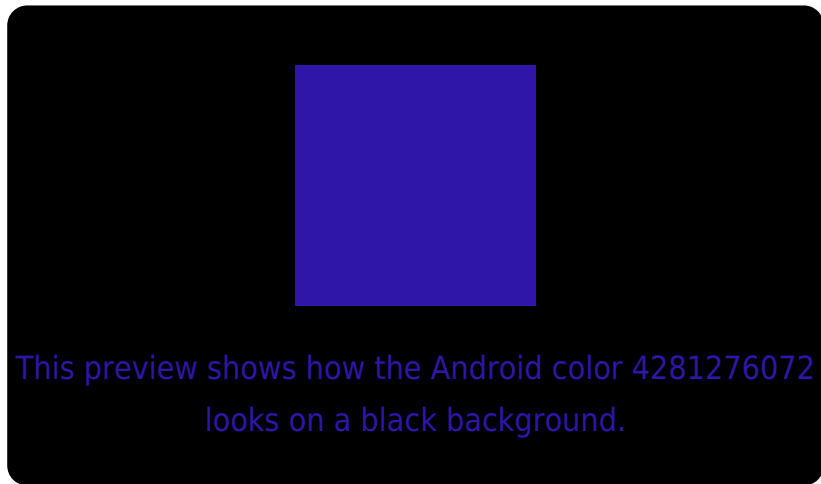
Large Text (above 18pt) WCAG AA ✓ Pass

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

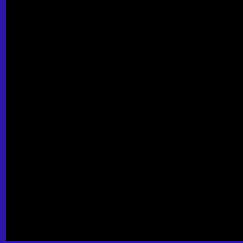
Any Text WCAG AA × Fail

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 4281276072 Background



This preview shows how black text looks on a background with the Android color 4281276072.



This preview shows how white text looks on a background with the Android color 4281276072.

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

4281276072

Protanopia

4278204276

Deuteranopia

4278205283

Trichromacy



Original Color

4281276072

Protanomaly

4279315335

Deuteranomaly

4279316092

Tritanomaly

4279316840

Monochromacy



Original Color

4281276072

Achromatopsia

4281216558

Achromatomaly

4281214298

CSS Examples

Text

The CSS property to change the color of the text to Android 4281276072 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(47, 22, 168)` looks like.

```
.text, #text, p{  
    color:rgb(47, 22, 168)  
}
```

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(47, 22, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 22, 168) }
```

Border

The CSS property to change the border of an element to Android 4281276072 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(47, 22, 168) }
```

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

```
.border{ border-color:rgb(47, 22, 168) }
```

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

Here you see how a box with a 4 pixel rgb(47, 22, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 22, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 22, 168);  
box-shadow:4px 4px 4px 4px rgb(47, 22,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4281276072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 22, 168) }
```

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

```
.background{ background-color: rgb(47, 22,  
168) }
```

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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