# Converting Colors

Android(4281219242)

Have a look what the booklet for Android(4281219242) contains.

# Color

Android(4281219242)

# Conversions

Conversions Part 1

| Format | Color |
|---|---|
| Hex | 2E38AA |
| RGB | 46, 56, 170 |
| RGB Percent | 18%, 22%, 67% |
| CMY | 0.8196, 0.7804, 0.3333 |
| CMYK | 0.73, 0.67, 0.00, 0.33 |
| HSL | 235°, 57%, 42% |
| HSV | 235°, 73%, 67% |
| XYZ | 9.7966, 6.3115, 38.7321 |
| YIQ | 66.0060, -42.5540, 33.3340 |

# Conversions

Conversions Part 2

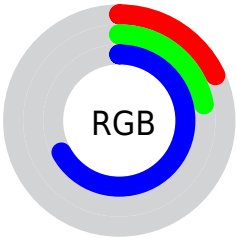
| Format | Color |
|---|---|
| RYB | 46, 55, 170 |
| Decimal | 3029162 |
| CIELab | 30.19, 35.36, -62.08 |
| CIELCh | 30, 71.443, 299.663 |
| Yxy | 6.3115, 0.1786, 0.1151 |
| Android (android.graphics.Color) | 4281219242 (0xFF2E38AA) |
| YUV | 66.0060, 51.2690, -17.5453 |
| Hunter-Lab | 25.1226, 25.6416, -73.8228 |

# Details

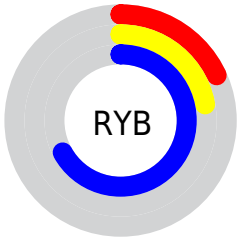
The Android color 4281219242 is a dark color, and the websafe version is hex 333399. A complement of this color would be 4289372206, and the grayscale version is 4282532418.

A 20% lighter version of the original color is 4285425634, and 4278193781 is the 20% darker color. If you saturate the color by 10%, you get 4280101034, and if you desaturate by 10%, it is 4282337450.

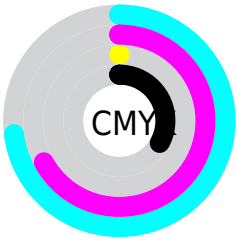
# Distribution



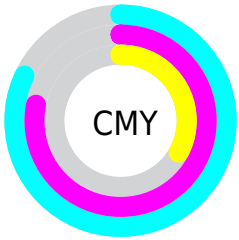

- Red (18%)
- Green (22%)
- Blue (67%)




- Red (18%)
- Yellow (22%)
- Blue (67%)




- Cyan (73%)
- Magenta (67%)
- Yellow (0%)
- Black (33%)




- Cyan (82%)
- Magenta (78%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281219242 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 4281219242 by changing the saturation by 10% instead.

4281219242

4294967295

4285425634

4287332863

4289305599

4291213055

4293186047

4294962943

4281219242

4278198927

4278193781

4278190171

4278191939

4278190891

4278190358

4278190080

4281219242

4280101034

4281219242

4282337450

4278983082

4278193834

4283455402

4284573610

4285691818

4286809770

4287927978

4289045930

4290164138

4291282346

# Harmonies

## Analogous

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

4278210745

4281219242

4286906496

# Triad

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

4281219242

4286720256

4278213701

# Complementary

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

4281219242

4289372206

# 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.

4278212864

4281219242

4283974912

# Square

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

4281219242

4288479252

4279980800

4278213758

# Rectangle

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

4281219242

4288413789

4279980800

4278213425

# Sweetspot

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

4281219242

4289573342

4281248416

4283651440



4293980400

4285558896

# Same Dimension

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

4281219242

4279970526

4284624554

4283190356

4278193300

4278190612

# Inverse Universe

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

4289343032

4292746026

4285966894

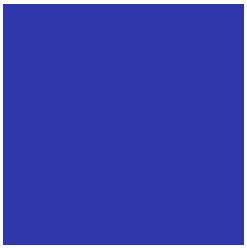
4283714636

4287889420

4279500802

# Previews

## White Background

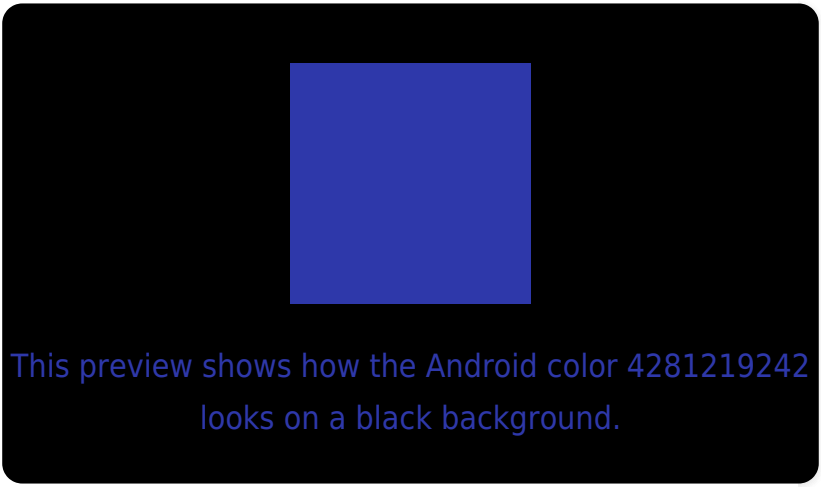


This preview shows how the Android color 4281219242 looks on a white background.

### 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

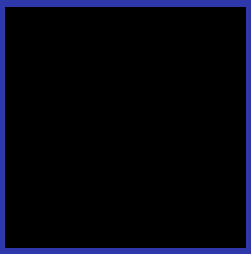



### Color Contrast Check

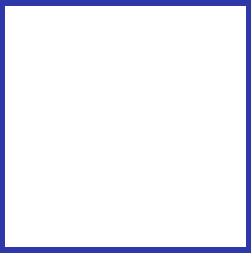
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

# Android 4281219242 Background



This preview shows how black text looks on a background with the Android color 4281219242.



This preview shows how white text looks on a background with the Android color 4281219242.

# 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**
4281219242

**Protanopia**
4278207632

**Deuteranopia**
4278208892

**Tritanopia**
4278210388

# Trichromacy

**Original Color**
4281219242

**Protanomaly**
4279320729

**Deuteranomaly**
4279321485

**Tritanomaly**
4279322483

# Monochromacy

**Original Color**
4281219242

**Achromatopsia**
4282532418

**Achromatomaly**
4282072680

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281219242 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(46, 56, 170) looks like.

```
.text, #text, p{
    color:rgb(46, 56, 170)
}
```

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(46, 56, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 56, 170) }
```

# Border

The CSS property to change the border of an element to Android 4281219242 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(46, 56, 170) }
```

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

```
.border{ border-color:rgb(46, 56, 170) }
```

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

Here you see how a box with a 4 pixel rgb(46, 56, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(46, 56, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(46, 56, 170); box-shadow:4px 4px 4px 4px rgb(46, 56, 170) }
```

# Background

The CSS property to change the background color of an element to Android 4281219242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(46, 56, 170) }
```

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

```
.background{ background-color:rgb(46, 56,
170) }
```

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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