

Converting Colors

Android(4282201026)

Have a look what the booklet for
Android(4282201026) contains.

Android(4282201026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282201026)

Conversions

Conversions Part 1

Format	Color
Hex	3D33C2
RGB	61, 51, 194
RGB Percent	24%, 20%, 76%
CMY	0.7608, 0.8000, 0.2392
CMYK	0.69, 0.74, 0.00, 0.24
HSL	244°, 58%, 48%
HSV	244°, 74%, 76%
XYZ	12.8459, 7.2548, 51.7622
YIQ	70.2920, -39.9430, 46.5930

Conversions

Conversions Part 2

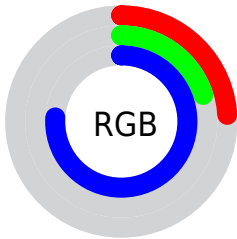
Format	Color
R _Y B	61, 51, 194
Decimal	4010946
CIE Lab	32.38, 48.06, -72.68
CIE LCh	32, 87.131, 303.475
Yxy	7.2548, 0.1788, 0.1010
Android (android.graphics.Color)	4282201026 (0xFF3D33C2)
YUV	70.2920, 60.9880, -8.1491
Hunter-Lab	26.9347, 37.9957, -95.0871

Details

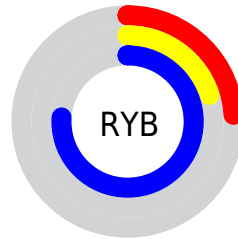
The Android color `4282201026` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4290298419`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4286473468`, and `4278191243` is the 20% darker color. If you saturate the color by 10%, you get `4281016514`, and if you desaturate by 10%, it is `4283385538`.

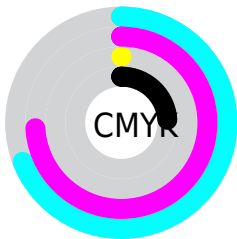
Distribution



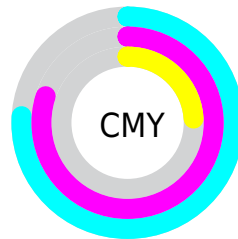
- Red (24%)
- Green (20%)
- Blue (76%)



- Red (24%)
- Yellow (20%)
- Blue (76%)



- Cyan (69%)
- Magenta (74%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (80%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282201026 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 4282201026 by changing the saturation by 10% instead.



4282201026



4282201026

4294967295



4278721702



4286473468



4278191243



4288445951



4278190193



4290418943



4278190167



4292391935



4278191679



4294430719



4278190888



4294962175



4278190353



4278190080



4282201026



4282201026

■ 4281016514

■ 4283385538

■ 4279831746

■ 4284570306

■ 4279107778

■ 4285754818

■ 4286939586

■ 4288124098

■ 4289308610

■ 4290493378

■ 4291677890

■ 4292862658

Harmonies

Analogous

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



4278212314



4282201026



4288544907

Triad

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



4282201026



4287376128



4278215763

Complementary

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



4282201026



4290298419

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.



4278214912



4282201026



4283911424

Square

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



4282201026



4289724417



4278213376



4278216088

Rectangle

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



4282201026



4290117726



4278213376



4278215483

Sweetspot

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



4282201026



4291413500



4281579714



4284571264



4278190080



4286611584

Same Dimension

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



4282201026



4281212668



4286854082



4283979617



4278911137



4278321185

Inverse Universe

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



4290917304



4294713069



4285645363



4284569440



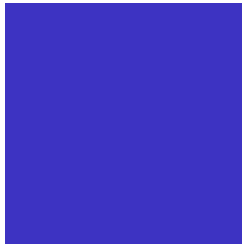
4288741525



4280352799

Previews

White Background



This preview shows how the Android color 4282201026 looks on a white background.

Color Contrast Check

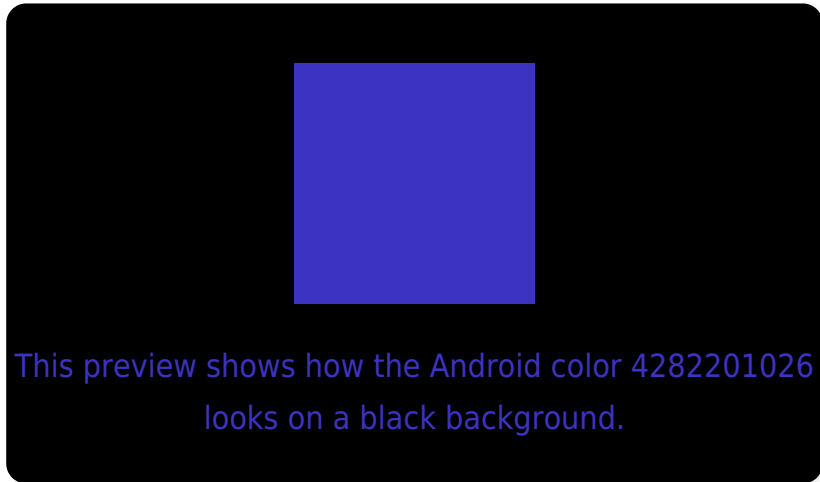
Large Text (above 18pt) WCAG AA ✓ Pass

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

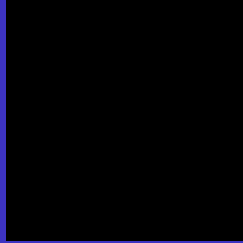
Any Text WCAG AA × Fail

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 4282201026 Background



This preview shows how black text looks on a background with the Android color 4282201026.



This preview shows how white text looks on a background with the Android color 4282201026.

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

4282201026

Protanopia

4278208922

Deuteranopia

4278210180

Trichromacy



Original Color
4282201026

Protanomaly
4279648681

Deuteranomaly
4279649435

Tritanomaly
4279650432

Monochromacy



Original Color
4282201026

Achromatopsia
4282795590

Achromatomaly
4282597235

CSS Examples

Text

The CSS property to change the color of the text to Android 4282201026 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(61, 51, 194)` looks like.

```
.text, #text, p{  
    color:rgb(61, 51, 194)  
}
```

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(61, 51, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 51, 194) }
```

Border

The CSS property to change the border of an element to Android 4282201026 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(61, 51, 194) }
```

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

```
.border{ border-color:rgb(61, 51, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 51, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 51, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 51, 194);  
box-shadow:4px 4px 4px 4px rgb(61, 51,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4282201026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 51, 194) }
```

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

```
.background{ background-color: rgb(61, 51,  
194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor