

Converting Colors

Android(4282201796)

Have a look what the booklet for
Android(4282201796) contains.

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Color

Android(4282201796)

Conversions

Conversions Part 1

Format	Color
Hex	3D36C4
RGB	61, 54, 196
RGB Percent	24%, 21%, 77%
CMY	0.7608, 0.7882, 0.2314
CMYK	0.69, 0.72, 0.00, 0.23
HSL	243°, 57%, 49%
HSV	243°, 72%, 77%
XYZ	13.2074, 7.6160, 52.9985
YIQ	72.2810, -41.4100, 45.6460

Conversions

Conversions Part 2

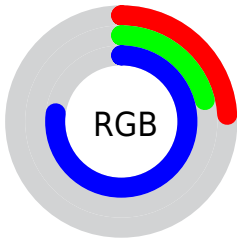
Format	Color
R _Y B	61, 54, 196
Decimal	4011716
CIE Lab	33.17, 47.04, -72.55
CIE LCh	33, 86.464, 302.958
Yxy	7.6160, 0.1789, 0.1032
Android (android.graphics.Color)	4282201796 (0xFF3D36C4)
YUV	72.2810, 60.9935, -9.8934
Hunter-Lab	27.5970, 37.1321, -94.5451

Details

The Android color `4282201796` 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 `4290626614`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4286474238`, and `4278192269` is the 20% darker color. If you saturate the color by 10%, you get `4280951492`, and if you desaturate by 10%, it is `4283452100`.

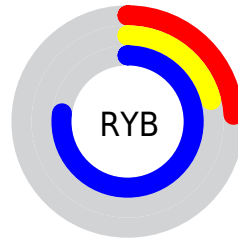
Distribution



Red (24%)

Green (21%)

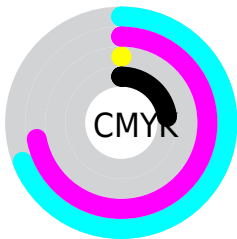
Blue (77%)



Red (24%)

Yellow (21%)

Blue (77%)

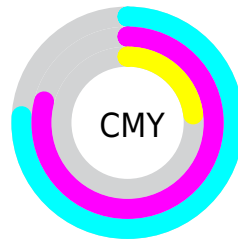


Cyan (69%)

Magenta (72%)

Yellow (0%)

Black (23%)



Cyan (76%)

Magenta (79%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282201796 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 4282201796 by changing the saturation by 10% instead.

 4282201796

 4282201796

4294967295

 4278656936

 4286474238

 4278192269

 4288446719

 4278190194

 4290419711

 4278190169

 4292458239

 4278191936

 4294431487

 4278190889

 4294962943

 4278190355

 4278190080

 4282201796

 4282201796

■ 4280951492

■ 4283452100

■ 4279766980

■ 4284636612

■ 4278845636

■ 4285886916

■ 4287136964

■ 4288321732

■ 4289572036

■ 4290756548

■ 4292006852

■ 4293256900

Harmonies

Analogous

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



4278212827



4282201796



4288610446

Triad

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



4282201796



4287573248



4278216275

Complementary

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



4282201796



4290626614

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.



4278215424



4282201796



4284108288

Square

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



4282201796



4289855494



4278213888



4278216600

Rectangle

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



4282201796



4290183265



4278213888



4278215995

Sweetspot

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



4282201796



4291479551



4281778116



4284505728



4278190080



4286611584

Same Dimension

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



4282201796



4281082367



4286723780



4283979617



4278714529



4278321185

Inverse Universe

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



4291049149



4294910452



4286104630



4284569440



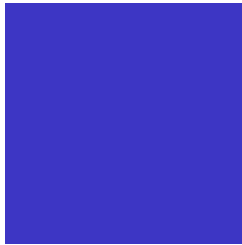
4288741529



4280352800

Previews

White Background



This preview shows how the Android color 4282201796 looks on a white background.

Color Contrast Check

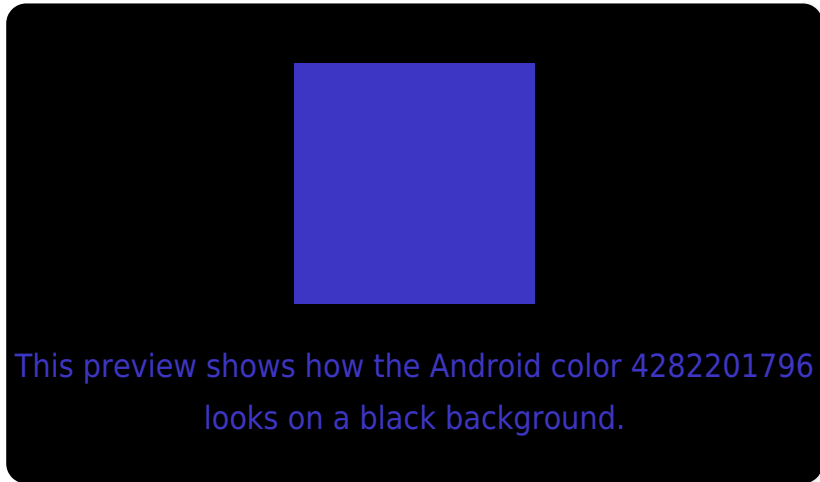
Large Text (above 18pt) WCAG AA ✓ Pass

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

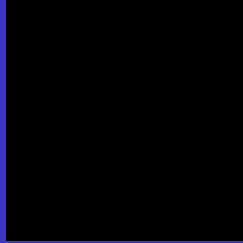
Any Text WCAG AA × Fail

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 4282201796 Background



This preview shows how black text looks on a background with the Android color 4282201796.



This preview shows how white text looks on a background with the Android color 4282201796.

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

4282201796

Deuteranopia

4278210695

Tritanopia

4278212188

Trichromacy



Original Color
4282201796

Deuteranomaly
4279650205

Tritanomaly
4279650946

Monochromacy



Original Color
4282201796

Achromatopsia
4282927176

Achromatomaly
4282663285

CSS Examples

Text

The CSS property to change the color of the text to Android 4282201796 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, 54, 196)` looks like.

```
.text, #text, p{  
    color:rgb(61, 54, 196)  
}
```

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, 54, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 54, 196) }
```

Border

The CSS property to change the border of an element to Android 4282201796 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, 54, 196) }
```

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

```
.border{ border-color:rgb(61, 54, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 54, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 54, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 54, 196);  
box-shadow:4px 4px 4px 4px rgb(61, 54,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4282201796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 54, 196) }
```

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

```
.background{ background-color: rgb(61, 54,  
196) }
```

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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