

Converting Colors

Android(4283901401)

Have a look what the booklet for
Android(4283901401) contains.

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Color

Android(4283901401)

Conversions

Conversions Part 1

Format	Color
Hex	5725D9
RGB	87, 37, 217
RGB Percent	34%, 15%, 85%
CMY	0.6588, 0.8549, 0.1490
CMYK	0.60, 0.83, 0.00, 0.15
HSL	257°, 71%, 50%
HSV	257°, 83%, 85%
XYZ	17.1164, 8.3591, 66.3570
YIQ	72.4700, -27.9800, 66.5800

Conversions

Conversions Part 2

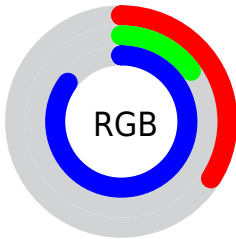
Format	Color
RYB	87, 37, 217
Decimal	5711321
CIELab	34.72, 63.73, -82.12
CIELCh	35, 103.949, 307.816
Yxy	8.3591, 0.1864, 0.0910
Android (android.graphics.Color)	4283901401 (0xFF5725D9)
YUV	72.4700, 71.2533, 12.7428
Hunter-Lab	28.9122, 55.0784, -115.8394

Details

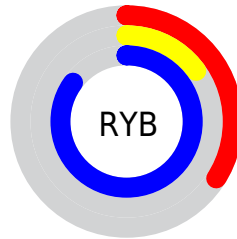
The Android color `4283901401` is a dark color, and the websafe version is hex `6600CC`. The color can be described as dark washed blue. A complement of this color would be `4289190181`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4288109567`, and `4278190241` is the 20% darker color. If you saturate the color by 10%, you get `4282847193`, and if you desaturate by 10%, it is `4284955609`.

Distribution



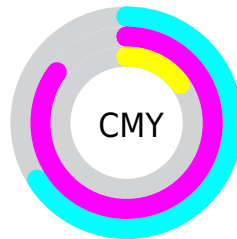
- Red (34%)
- Green (15%)
- Blue (85%)



- Red (34%)
- Yellow (15%)
- Blue (85%)



- Cyan (60%)
- Magenta (83%)
- Yellow (0%)
- Black (15%)



- Cyan (66%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283901401 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 4283901401 by changing the saturation by 10% instead.

 4283901401

 4283901401

4294967295

 4281401788

 4288109567

 4278190241

 4290147839

 4278190213

 4292120831

 4278190187

 4294159615

 4278192978

 4294953215

 4278191417

 4294960639

 4278190627

 4278190090

 4278190080

■ 4283901401

■ 4283901401

■ 4282847193

■ 4284955609

■ 4282122457

■ 4285944025

■ 4286998233

■ 4288052441

■ 4289041113

■ 4290095065

■ 4291149273

■ 4292137945

■ 4293191897

Harmonies

Analogous

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



4278213373



4283901401



4290510994

Triad

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



4283901401



4287901952



4278217831

Complementary

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



4283901401



4289190181

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.



4278217216



4283901401



4283520512

Square

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



4283901401



4290904064



4278215936



4278218680

Rectangle

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



4283901401



4291952732



4278215936



4278217801

Sweetspot

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



4283901401



4291936255



4280658393



4284766592



4278190080



4286611584

Same Dimension

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



4283901401



4282843391



4289668569



4284900206



4281335981



4279042094

Inverse Universe

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



4292421031



4294901944



4283423013



4285424491



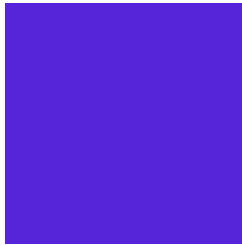
4289527933



4281204769

Previews

White Background



This preview shows how the Android color 4283901401 looks on a white background.

Color Contrast Check

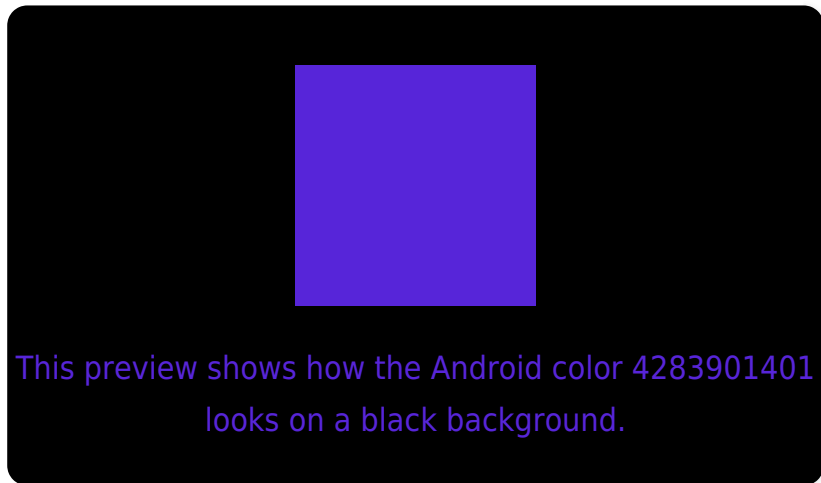
Large Text (above 18pt) WCAG AA ✓ Pass

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

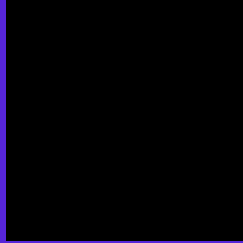
Any Text WCAG AA × Fail

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 4283901401 Background



This preview shows how black text looks on a background with the Android color 4283901401.



This preview shows how white text looks on a background with the Android color 4283901401.

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
4283901401

Protanopia
4278210470

Deuteranopia
4278211725

Trichromacy



Original Color
4283901401

Protanomaly
4280303801

Deuteranomaly
4280304553

Tritanomaly
4281550477

Monochromacy



Original Color
4283901401

Achromatopsia
4282927176

Achromatomaly
4283251581

CSS Examples

Text

The CSS property to change the color of the text to Android 4283901401 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(87, 37, 217)` looks like.

```
.text, #text, p{  
    color:rgb(87, 37, 217)  
}
```

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(87, 37, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 37, 217) }
```

Border

The CSS property to change the border of an element to Android 4283901401 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(87, 37, 217) }
```

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

```
.border{ border-color:rgb(87, 37, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 37, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 37, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 37, 217);  
box-shadow:4px 4px 4px 4px rgb(87, 37,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4283901401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 37, 217) }
```

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

```
.background{ background-color: rgb(87, 37,  
217) }
```

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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