

Converting Colors

Android(4282009255)

Have a look what the booklet for
Android(4282009255) contains.

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Color

Android(4282009255)

Conversions

Conversions Part 1

Format	Color
Hex	3A46A7
RGB	58, 70, 167
RGB Percent	23%, 27%, 65%
CMY	0.7725, 0.7255, 0.3451
CMYK	0.65, 0.58, 0.00, 0.35
HSL	233°, 48%, 44%
HSV	233°, 65%, 65%
XYZ	10.9101, 8.0699, 37.5418
YIQ	77.4700, -38.2890, 27.6230

Conversions

Conversions Part 2

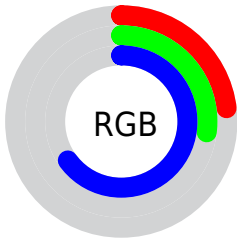
Format	Color
RYB	58, 69, 167
Decimal	3819175
CIELab	34.13, 26.93, -53.82
CIElCh	34, 60.177, 296.582
Yxy	8.0699, 0.1930, 0.1428
Android (android.graphics.Color)	4282009255 (0xFF3A46A7)
YUV	77.4700, 44.1383, -17.0752
Hunter-Lab	28.4075, 18.8411, -58.4691

Details

The Android color `4282009255` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4289174330`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4285888223`, and `4278197106` is the 20% darker color. If you saturate the color by 10%, you get `4280891303`, and if you desaturate by 10%, it is `4283127207`.

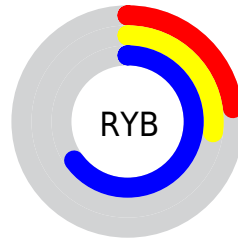
Distribution



Red (23%)

Green (27%)

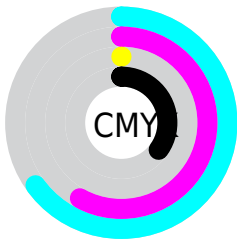
Blue (65%)



Red (23%)

Yellow (27%)

Blue (65%)

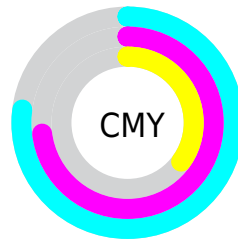


Cyan (65%)

Magenta (58%)

Yellow (0%)

Black (35%)



Cyan (77%)

Magenta (73%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282009255 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 4282009255 by changing the saturation by 10% instead.



4282009255



4282009255

4294967295



4279513228



4285888223



4278197106



4287729916



4278191449



4289637119



4278191425



4291544831



4278190890



4293518079



4278190356

4294967039



4278190080



4282009255



4282009255



4280891303



4283127207

■ 4279838887

■ 4284179623

■ 4278720935

■ 4285297575

■ 4278194855

■ 4286415271

■ 4287467687

■ 4288585639

■ 4289703591

■ 4290821543

■ 4291873959

Harmonies

Analogous

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



4278212785



4282009255



4286785926

Triad

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



4282009255



4287248128



4278215753

Complementary

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



4282009255



4289174330

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.



4278214932



4282009255



4285025536

Square

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



4282009255



4288615721



4281948672



4278215802

Rectangle

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



4282009255



4288220776



4281948672



4278215480

Sweetspot

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



4282009255



4289573593



4282034074



4283651694



4293783021



4285427310

Same Dimension

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



4282009255



4281352921



4284758695



4283190612



4278194324



4278190612

Inverse Universe

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



4289149510



4292423746



4286424890



4283714637



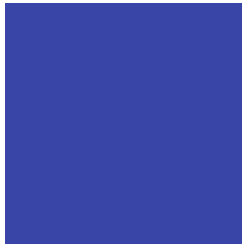
4287889424



4279500802

Previews

White Background



This preview shows how the Android color 4282009255 looks on a white background.

Color Contrast Check

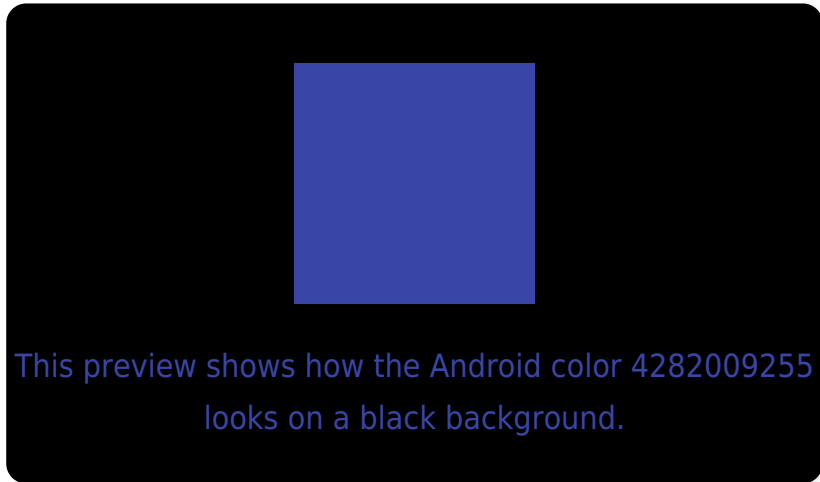
Large Text (above 18pt) WCAG AA ✓ Pass

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

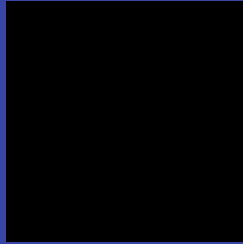
Any Text WCAG AA × Fail

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 4282009255 Background



This preview shows how black text looks on a background with the Android color 4282009255.



This preview shows how white text looks on a background with the Android color 4282009255.

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

4282009255

Protanopia

4278209956

Deuteranopia

4278211213

Trichromacy



Original Color
4282009255

Protanomaly
4279585445

Deuteranomaly
4279586454

Tritanomaly
4279587450

Monochromacy



Original Color
4282009255

Achromatopsia
4283256141

Achromatomaly
4282796654

CSS Examples

Text

The CSS property to change the color of the text to Android 4282009255 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(58, 70, 167)` looks like.

```
.text, #text, p{  
    color:rgb(58, 70, 167)  
}
```

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(58, 70, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 70, 167) }
```

Border

The CSS property to change the border of an element to Android 4282009255 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(58, 70, 167) }
```

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

```
.border{ border-color:rgb(58, 70, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 70, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 70, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 70, 167);  
box-shadow:4px 4px 4px 4px rgb(58, 70,  
167) }
```

Background

The CSS property to change the background color of an element to Android 4282009255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 70, 167) }
```

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

```
.background{ background-color: rgb(58, 70,  
167) }
```

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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