

Converting Colors

Android(4282416835)

Have a look what the booklet for
Android(4282416835) contains.

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Color

Android(4282416835)

Conversions

Conversions Part 1

Format	Color
Hex	407EC3
RGB	64, 126, 195
RGB Percent	25%, 49%, 76%
CMY	0.7490, 0.5059, 0.2353
CMYK	0.67, 0.35, 0.00, 0.24
HSL	212°, 52%, 51%
HSV	212°, 67%, 76%
XYZ	19.4255, 19.9518, 54.4570
YIQ	115.3280, -59.1010, 8.3150

Conversions

Conversions Part 2

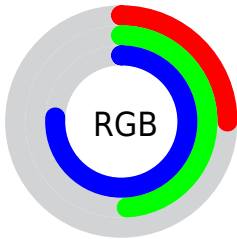
Format	Color
R _Y B	64, 106, 195
Decimal	4226755
CIE Lab	51.78, 2.35, -41.89
CIE LCh	52, 41.954, 273.215
Yxy	19.9518, 0.2070, 0.2126
Android (android.graphics.Color)	4282416835 (0xFF407EC3)
YUV	115.3280, 39.2783, -45.0147
Hunter-Lab	44.6675, -0.5398, -41.0171

Details

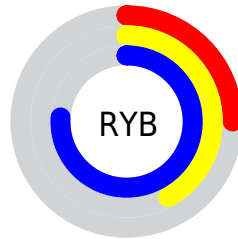
The Android color `4282416835` is a dark color, and the websafe version is hex `336699`. The color can be described as dark muted azure. A complement of this color would be `4291003712`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4286427900`, and `4278210189` is the 20% darker color. If you saturate the color by 10%, you get `4281169091`, and if you desaturate by 10%, it is `4283730115`.

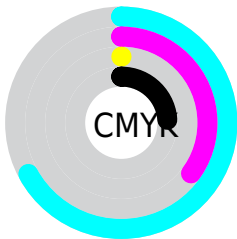
Distribution



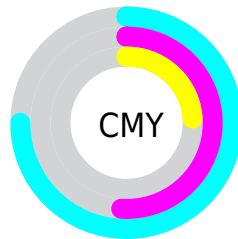
- Red (25%)
- Green (49%)
- Blue (76%)



- Red (25%)
- Yellow (42%)
- Blue (76%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (75%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282416835 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 4282416835 by changing the saturation by 10% instead.



4282416835



4282416835

4294967295



4279788968



4286427900



4278210189



4288335615



4278204275



4290243327



4278199130



4292214783



4278192962



4294180863



4278190891



4278190357



4278190080



4282416835



4282416835

■ 4281169091

■ 4283730115

■ 4279855555

■ 4284978115

■ 4278607811

■ 4286291395

■ 4278213827

■ 4287539139

■ 4288852419

■ 4290100419

■ 4291413699

■ 4292661443

■ 4293974723

Harmonies

Analogous

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



4278225083



4282416835



4286804152

Triad

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



4282416835



4290535766



4281764698

Complementary

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



4282416835



4291003712

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.



4284974397



4282416835



4289359419

Square

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



4282416835



4290600057



4287462193



4278226302

Rectangle

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



4282416835



4288702375



4287462193



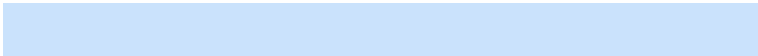
4283009359

Sweetspot

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



4282416835



4291486460



4282434436



4284575616



4278190080



4286611584

Same Dimension

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



4282416835



4281373180



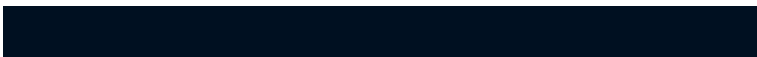
4282532035



4283915361



4278209697



4278194209

Inverse Universe

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



4290986110



4294717585



4290888512



4284569436



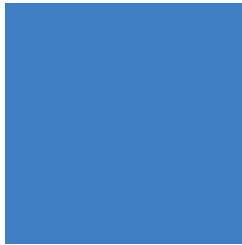
4288741452



4280352784

Previews

White Background



This preview shows how the Android color 4282416835 looks on a white background.

Color Contrast Check

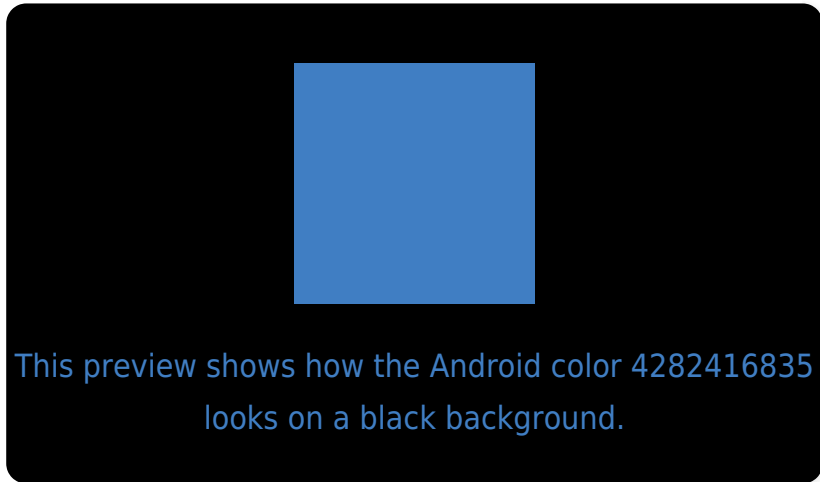
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282416835 Background



This preview shows how black text looks on a background with the Android color 4282416835.



This preview shows how white text looks on a background with the Android color 4282416835.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4282416835 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(64, 126, 195)` looks like.

```
.text, #text, p{  
    color:rgb(64, 126, 195)  
}
```

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(64, 126, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 126, 195) }
```

Border

The CSS property to change the border of an element to Android 4282416835 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(64, 126, 195) }
```

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

```
.border{ border-color:rgb(64, 126, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 126, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 126, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 126, 195);  
box-shadow:4px 4px 4px 4px rgb(64, 126,  
195) }
```

Background

The CSS property to change the background color of an element to Android 4282416835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 126, 195) }
```

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

```
.background{ background-color: rgb(64, 126,  
195) }
```

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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