

Converting Colors

Android(4282409656)

Have a look what the booklet for
Android(4282409656) contains.

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Color

Android(4282409656)

Conversions

Conversions Part 1

Format	Color
Hex	4062B8
RGB	64, 98, 184
RGB Percent	25%, 38%, 72%
CMY	0.7490, 0.6157, 0.2784
CMYK	0.65, 0.47, 0.00, 0.28
HSL	223°, 48%, 49%
HSV	223°, 65%, 72%
XYZ	15.1338, 13.2860, 47.1142
YIQ	97.6380, -47.8700, 19.5380

Conversions

Conversions Part 2

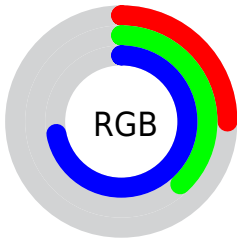
Format	Color
RYB	64, 90, 184
Decimal	4219576
CIELab	43.19, 15.87, -49.22
CIELCh	43, 51.714, 287.869
Yxy	13.2860, 0.2004, 0.1759
Android (android.graphics.Color)	4282409656 (0xFF4062B8)
YUV	97.6380, 42.5765, -29.5005
Hunter-Lab	36.4500, 10.3242, -51.1215

Details

The Android color `4282409656` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4290287168`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4286289137`, and `4278203522` is the 20% darker color. If you saturate the color by 10%, you get `4281226680`, and if you desaturate by 10%, it is `4283592632`.

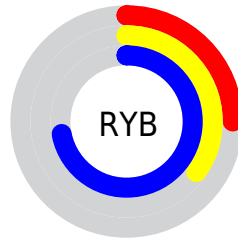
Distribution



Red (25%)

Green (38%)

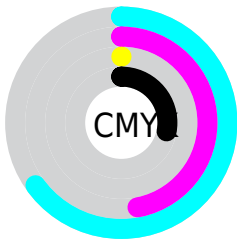
Blue (72%)



Red (25%)

Yellow (35%)

Blue (72%)

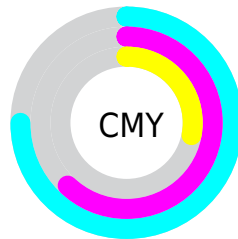


Cyan (65%)

Magenta (47%)

Yellow (0%)

Black (28%)



Cyan (75%)

Magenta (62%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282409656 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 4282409656 by changing the saturation by 10% instead.

 4282409656

 4282409656

4294967295

 4279978909

 4286289137

 4278203522

 4288196607

 4278198377

 4290104063

 4278192464

 4292011775

 4278191416

 4293984255

 4278190626

 4278190087

 4278190080

 4282409656

 4282409656

■ 4281226680

■ 4283592632

■ 4279978168

■ 4284841144

■ 4278794936

■ 4286024376

■ 4278203576

■ 4287272888

■ 4288455864

■ 4289638840

■ 4290887352

■ 4292070328

■ 4293319096

Harmonies

Analogous

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



4278218938



4282409656



4287123360

Triad

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



4282409656



4289023015



4278221139

Complementary

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



4282409656



4290287168

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.



4281168936



4282409656



4287192578

Square

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



4282409656



4289870926



4284640256



4278221439

Rectangle

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



4282409656



4288823943



4284640256



4278220868

Sweetspot

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



4282409656



4290825712



4282431638



4284179320



4294440951



4286085240

Same Dimension

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



4282409656



4281690864



4284104888



4283651420



4278201500



4278192156

Inverse Universe

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



4290265186



4293932394



4288591936



4284240725



4288413740



4280025096

Previews

White Background



This preview shows how the Android color 4282409656 looks on a white background.

Color Contrast Check

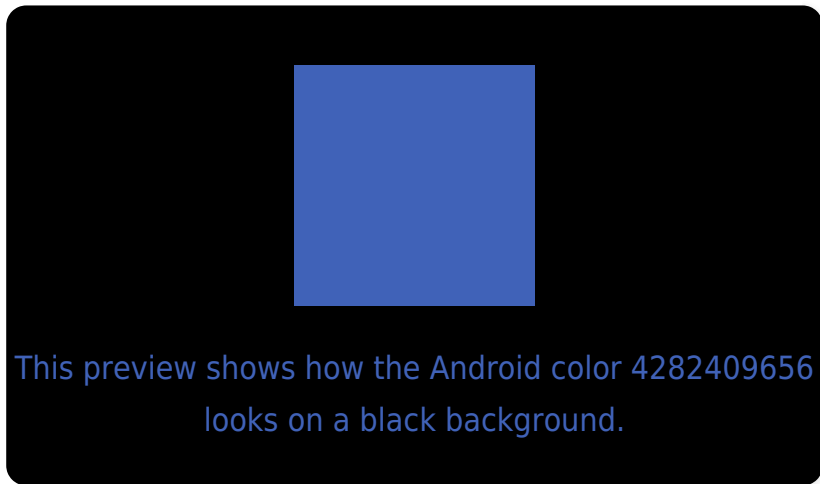
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4282409656 Background



This preview shows how black text looks on a background with the Android color 4282409656.



This preview shows how white text looks on a background with the Android color 4282409656.

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
4282409656

Protanopia
4282082233

Deuteranopia
4279265207

Trichromacy



Original Color
4282409656

Protanomaly
4282213305

Deuteranomaly
4280378807

Tritanomaly
4280707985

Monochromacy



Original Color
4282409656

Achromatopsia
4284637794

Achromatomaly
4283851393

CSS Examples

Text

The CSS property to change the color of the text to Android 4282409656 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, 98, 184)` looks like.

```
.text, #text, p{  
    color:rgb(64, 98, 184)  
}
```

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, 98, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 98, 184) }
```

Border

The CSS property to change the border of an element to Android 4282409656 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, 98, 184) }
```

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

```
.border{ border-color:rgb(64, 98, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 98, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 98, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 98, 184);  
box-shadow:4px 4px 4px 4px rgb(64, 98,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4282409656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 98, 184) }
```

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

```
.background{ background-color: rgb(64, 98,  
184) }
```

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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