

Converting Colors

Android(4282737097)

Have a look what the booklet for
Android(4282737097) contains.

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Color

Android(4282737097)

Conversions

Conversions Part 1

Format	Color
Hex	4561C9
RGB	69, 97, 201
RGB Percent	27%, 38%, 79%
CMY	0.7294, 0.6196, 0.2118
CMYK	0.66, 0.52, 0.00, 0.21
HSL	227°, 55%, 53%
HSV	227°, 66%, 79%
XYZ	17.2716, 14.0316, 57.0564
YIQ	100.4840, -50.0720, 26.4080

Conversions

Conversions Part 2

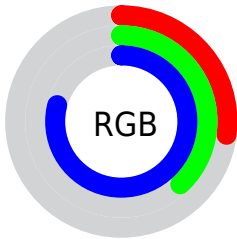
Format	Color
RYB	69, 92, 201
Decimal	4547017
CIELab	44.28, 23.38, -57.31
CIElCh	44, 61.901, 292.196
Yxy	14.0316, 0.1955, 0.1588
Android (android.graphics.Color)	4282737097 (0xFF4561C9)
YUV	100.4840, 49.5544, -27.6115
Hunter-Lab	37.4588, 16.7500, -64.0879

Details

The Android color `4282737097` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291407173`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4286747647`, and `4278203282` is the 20% darker color. If you saturate the color by 10%, you get `4281422281`, and if you desaturate by 10%, it is `4284051913`.

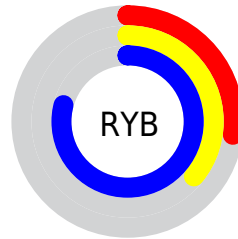
Distribution



Red (27%)

Green (38%)

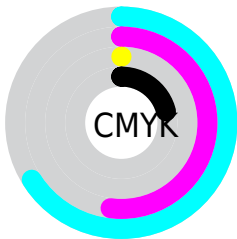
Blue (79%)



Red (27%)

Yellow (36%)

Blue (79%)

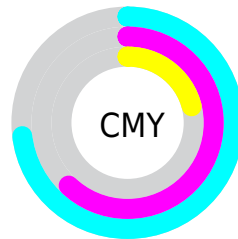


Cyan (66%)

Magenta (52%)

Yellow (0%)

Black (21%)



Cyan (73%)

Magenta (62%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282737097 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 4282737097 by changing the saturation by 10% instead.

■ 4282737097

■ 4282737097

4294967295

■ 4280175277

■ 4286747647

■ 4278203282

■ 4288720639

■ 4278198136

■ 4290628095

■ 4278192990

■ 4292601343

■ 4278192198

■ 4294574079

■ 4278191150

■ 4278190361

■ 4278190080

■ 4282737097

■ 4282737097

■ 4281422281

■ 4284051913

■ 4280107465

■ 4285366729

■ 4278792649

■ 4286681545

■ 4278201289

■ 4287996105

■ 4289376457

■ 4290691273

■ 4292006089

■ 4293320905

■ 4294635721

Harmonies

Analogous

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



4278219728



4282737097



4288169897

Triad

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



4282737097



4289612563



4278222681

Complementary

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



4282737097



4291407173

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.



4278221347



4282737097



4287259136

Square

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



4282737097



4290851141



4284117248



4278222734

Rectangle

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



4282737097



4290000265



4284117248



4278222407

Sweetspot

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



4282737097



4291614719



4282763692



4284573568



4278190080



4286611584

Same Dimension

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



4282737097



4281753855



4285154761



4284111971



4278199203



4278192164

Inverse Universe

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



4291380577



4294915680



4288989509



4284701276



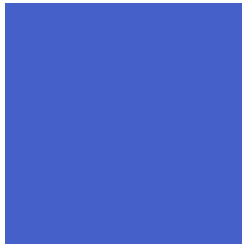
4288872483



4280549384

Previews

White Background



This preview shows how the Android color 4282737097 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



This preview shows how the Android color 4282737097 looks on a 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 4282737097 Background



This preview shows how black text looks on a background with the Android color 4282737097.



This preview shows how white text looks on a background with the Android color 4282737097.

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



Original Color
4282737097

Protanomaly
4281492684

Deuteranomaly
4279855039

Tritanomaly
4280184217

Monochromacy



Original Color
4282737097

Achromatopsia
4284769380

Achromatomaly
4284048265

CSS Examples

Text

The CSS property to change the color of the text to Android 4282737097 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(69, 97, 201)` looks like.

```
.text, #text, p{  
    color:rgb(69, 97, 201)  
}
```

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(69, 97, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 97, 201) }
```

Border

The CSS property to change the border of an element to Android 4282737097 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(69, 97, 201) }
```

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

```
.border{ border-color:rgb(69, 97, 201) }
```

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

Here you see how a box with a 4 pixel rgb(69, 97, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 97, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 97, 201);  
box-shadow:4px 4px 4px 4px rgb(69, 97,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4282737097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 97, 201) }
```

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

```
.background{ background-color: rgb(69, 97,  
201) }
```

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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