

Converting Colors

Android(4282737072)

Have a look what the booklet for
Android(4282737072) contains.

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Color

Android(4282737072)

Conversions

Conversions Part 1

Format	Color
Hex	4561B0
RGB	69, 97, 176
RGB Percent	27%, 38%, 69%
CMY	0.7294, 0.6196, 0.3098
CMYK	0.61, 0.45, 0.00, 0.31
HSL	224°, 44%, 48%
HSV	224°, 61%, 69%
XYZ	14.5654, 12.9492, 42.8061
YIQ	97.6340, -42.0470, 18.6330

Conversions

Conversions Part 2

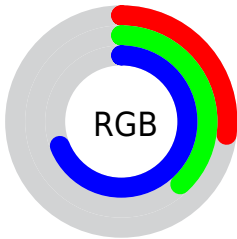
Format	Color
R _{YB}	69, 91, 176
Decimal	4546992
CIE _{Lab}	42.69, 14.61, -45.33
CIE _{LCh}	43, 47.625, 287.861
Yxy	12.9492, 0.2071, 0.1841
Android (android.graphics.Color)	4282737072 (0xFF4561B0)
YUV	97.6340, 38.6344, -25.1120
Hunter-Lab	35.9850, 9.2766, -45.3391

Details

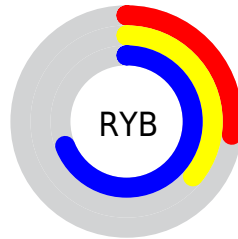
The Android color `4282737072` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289762373`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4286485480`, and `4278203259` is the 20% darker color. If you saturate the color by 10%, you get `4281554096`, and if you desaturate by 10%, it is `4283920048`.

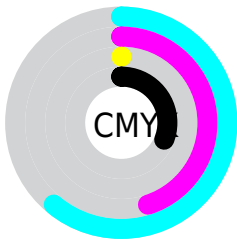
Distribution



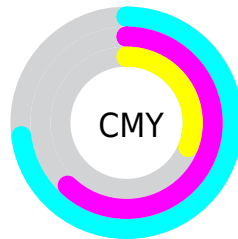
- Red (27%)
- Green (38%)
- Blue (69%)



- Red (27%)
- Yellow (36%)
- Blue (69%)



- Cyan (61%)
- Magenta (45%)
- Yellow (0%)
- Black (31%)



- Cyan (73%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282737072 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 4282737072 by changing the saturation by 10% instead.

 4282737072

 4282737072

4294967295

 4280634005

 4286485480

 4278203259

 4288327423

 4278198113

 4290234879

 4278191945

 4292142591

 4278191154


 4294049791

 4278190364

 4278190080

 4282737072

 4282737072

 4281554096

 4283920048

■ 4280436656

■ 4285037488

■ 4279253680

■ 4286220464

■ 4278202032

■ 4287337904

■ 4288520880

■ 4289703856

■ 4290821296

■ 4292004272

■ 4293121712

Harmonies

Analogous

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



4278218418



4282737072



4286861466

Triad

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



4282737072



4288695595



4278220371

Complementary

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



4282737072



4289762373

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.



4281496108



4282737072



4286995727

Square

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



4282737072



4289478735



4284639758



4278220668

Rectangle

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



4282737072



4288431491



4284639758



4278220102

Sweetspot

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



4282737072



4290562022



4282757267



4284113011



4294111986



4285756275

Same Dimension

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



4282737072



4282280678



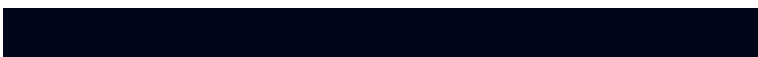
4284368304



4283454297



4278200473



4278191898

Inverse Universe

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



4289742177



4293279338



4288131141



4284043347



4288217128



4279894023

Previews

White Background



This preview shows how the Android color 4282737072 looks on a white background.

Color Contrast Check

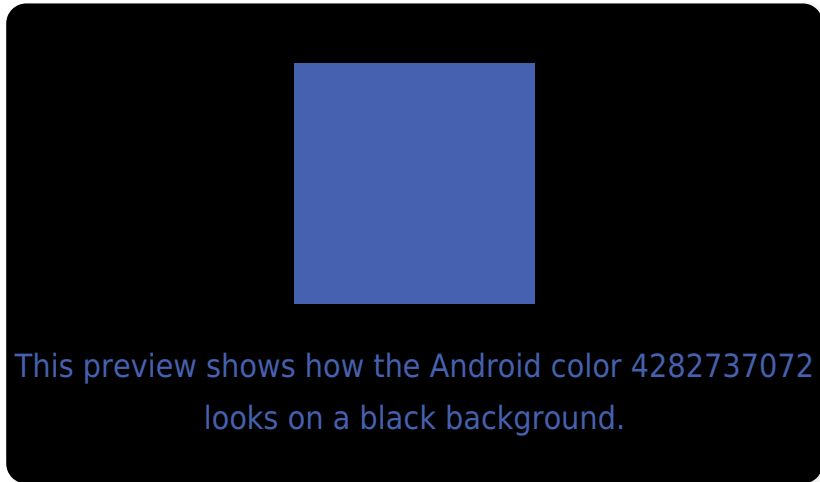
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282737072 Background



This preview shows how black text looks on a background with the Android color 4282737072.



This preview shows how white text looks on a background with the Android color 4282737072.

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

4282737072

Protanopia

4282409649

Deuteranopia

4280837807

Trichromacy



Original Color

4282737072

Protanomaly

4282540721

Deuteranomaly

4281558191

Tritanomaly

4281624972

Monochromacy



Original Color

4282737072

Achromatopsia

4284637794

Achromatomaly

4283916926

CSS Examples

Text

The CSS property to change the color of the text to Android 4282737072 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(69, 97, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 97, 176) }
```

Border

The CSS property to change the border of an element to Android 4282737072 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, 176) }
```

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

```
.border{ border-color:rgb(69, 97, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(69, 97, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(69, 97, 176); box-shadow:4px 4px 4px 4px rgb(69, 97, 176) }
```

Background

The CSS property to change the background color of an element to Android 4282737072 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, 176) }
```

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

```
.background{ background-color: rgb(69, 97,  
176) }
```

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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