

Converting Colors

Android(4282078871)

Have a look what the booklet for
Android(4282078871) contains.

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Color

Android(4282078871)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3B5697 |
| RGB | 59, 86, 151 |
| RGB Percent | 23%, 34%, 59% |
| CMY | 0.7686, 0.6627, 0.4078 |
| CMYK | 0.61, 0.43, 0.00, 0.41 |
| HSL | 222°, 44%, 41% |
| HSV | 222°, 61%, 59% |
| XYZ | 10.7173, 9.8197, 30.6087 |
| YIQ | 85.3370, -36.9570, 14.4910 |

Conversions

Conversions Part 2

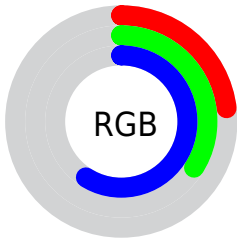
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 59, 80, 151 |
| Decimal | 3888791 |
| CIELab | 37.52, 10.88, -38.75 |
| CIElCh | 38, 40.244, 285.686 |
| Yxy | 9.8197, 0.2095, 0.1920 |
| Android (android.graphics.Color) | 4282078871 (0xFF3B5697) |
| YUV | 85.3370, 32.3719, -23.0975 |
| Hunter-Lab | 31.3365, 6.2096, -35.9775 |

Details

The Android color `4282078871` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288117819`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4285695950`, and `4278200931` is the 20% darker color. If you saturate the color by 10%, you get `4281093015`, and if you desaturate by 10%, it is `4283064727`.

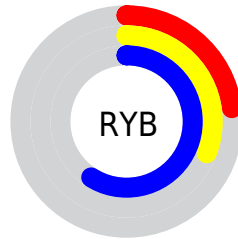
Distribution



Red (23%)

Green (34%)

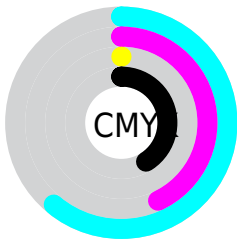
Blue (59%)



Red (23%)

Yellow (31%)

Blue (59%)

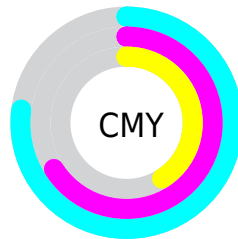


Cyan (61%)

Magenta (43%)

Yellow (0%)

Black (41%)



Cyan (77%)

Magenta (66%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282078871 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 4282078871 by changing the saturation by 10% instead.



4282078871



4282078871

4294967295



4280041341



4285695950



4278200931



4287537642



4278195787



4289379583



4278191156



4291221759



4278190622



4293129471



4278190080



4282078871



4282078871



4281093015



4283064727



4280107415



4284050327

■ 4279121559

■ 4285036183

■ 4278201495

■ 4286022039

■ 4287073175

■ 4288059031

■ 4289044887

■ 4290030487

■ 4291016343

Harmonies

Analogous

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



4278214807



4282078871



4285548678

Triad

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



4282078871



4287317035



4278216519

Complementary

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



4282078871



4288117819

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.



4281623336



4282078871



4285944085

Square

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



4282078871



4287904585



4284046355



4278216809

Rectangle

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



4282078871



4286857332



4284046355



4278216252

Sweetspot

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



4282078871



4288785348



4282095483



4283323491



4293125091



4284703587

Same Dimension

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



4282078871



4281688004



4283251607



4282730317



4278200716



4278191117

Inverse Universe

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



4288101206



4291048799



4286945083



4283254087



4287365161



4279042052

Previews

White Background



This preview shows how the Android color 4282078871 looks on a white background.

Color Contrast Check

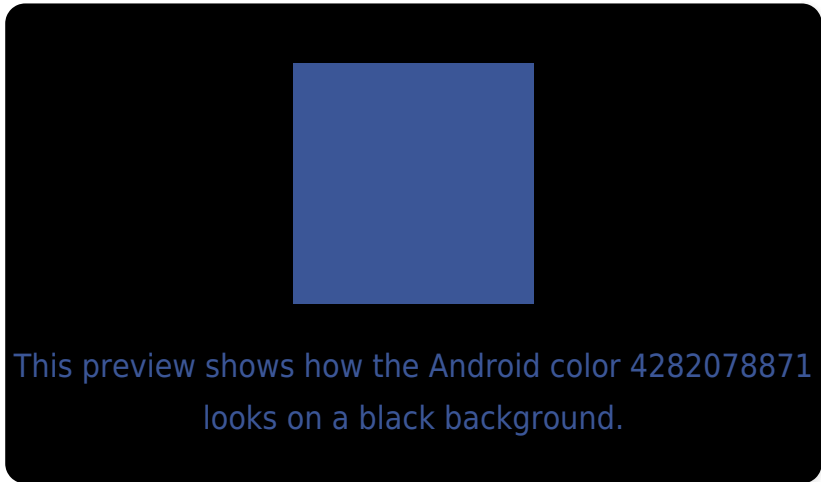
Large Text (above 18pt) WCAG AA ✓ Pass

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

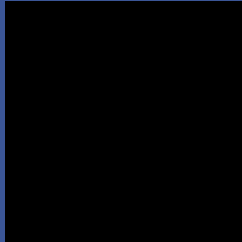
Any Text WCAG AA × Fail

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 4282078871 Background



This preview shows how black text looks on a background with the Android color 4282078871.



This preview shows how white text looks on a background with the Android color 4282078871.

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

4282078871

Protanopia

4282144407

Deuteranopia

4280965526

Trichromacy



Original Color
4282078871

Protanomaly
4282144407

Deuteranomaly
4281358486

Tritanomaly
4281162873

Monochromacy



Original Color
4282078871

Achromatopsia
4283782485

Achromatomaly
4283192685

CSS Examples

Text

The CSS property to change the color of the text to Android 4282078871 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(59, 86, 151)` looks like.

```
.text, #text, p{  
    color:rgb(59, 86, 151)  
}
```

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(59, 86, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 86, 151) }
```

Border

The CSS property to change the border of an element to Android 4282078871 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(59, 86, 151) }
```

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

```
.border{ border-color:rgb(59, 86, 151) }
```

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

Here you see how a box with a 4 pixel rgb(59, 86, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 86, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 86, 151);  
box-shadow:4px 4px 4px 4px rgb(59, 86,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4282078871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 86, 151) }
```

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

```
.background{ background-color: rgb(59, 86,  
151) }
```

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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