

Converting Colors

Android(4284136802)

Have a look what the booklet for
Android(4284136802) contains.

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Color

Android(4284136802)

Conversions

Conversions Part 1

Format	Color
Hex	5ABD62
RGB	90, 189, 98
RGB Percent	35%, 74%, 38%
CMY	0.6471, 0.2588, 0.6157
CMYK	0.52, 0.00, 0.48, 0.26
HSL	125°, 43%, 55%
HSV	125°, 52%, 74%
XYZ	24.6186, 39.4507, 17.8725
YIQ	149.0250, -29.7930, -49.2890

Conversions

Conversions Part 2

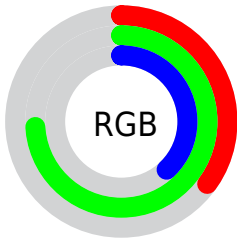
Format	Color
RYB	90, 182, 189
Decimal	5946722
CIELab	69.08, -47.99, 37.18
CIElCh	69, 60.704, 142.234
Yxy	39.4507, 0.3004, 0.4814
Android (android.graphics.Color)	4284136802 (0xFF5ABD62)
YUV	149.0250, -25.1553, -51.7649
Hunter-Lab	62.8098, -39.9530, 27.0959

Details

The Android color `4284136802` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290599605`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4287886998`, and `4279863088` is the 20% darker color. If you saturate the color by 10%, you get `4282891601`, and if you desaturate by 10%, it is `4285382003`.

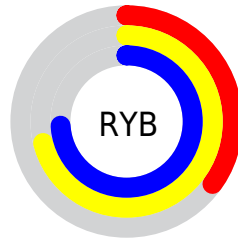
Distribution



Red (35%)

Green (74%)

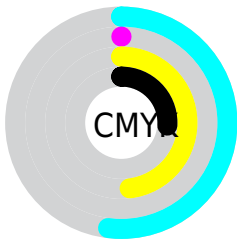
Blue (38%)



Red (35%)

Yellow (71%)

Blue (74%)

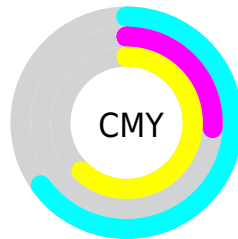


Cyan (52%)

Magenta (0%)

Yellow (48%)

Black (26%)



Cyan (65%)

Magenta (26%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284136802 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 4284136802 by changing the saturation by 10% instead.

 4284136802

 4284136802

4294967295

 4282163529

 4287886998

 4279863088

 4289724337

 4278218007

 4291624909

 4278211328

 4293591018

 4278205184

 4278199808


 4278190080

 4284136802

 4284136802

 4282891601

 4285382003

 4281646399

 4286627205

 4280401198


 4287872406

 4279155997

 4289117607

 4278238479

 4290362809

 4291542474

 4292787676

 4294032877

 4294950398

Harmonies

Analogous

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



4288590395



4284136802



4278240152

Triad

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



4284136802



4278236159



4294933122

Complementary

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



4284136802



4290599605

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.



4294932665



4284136802



4287734015

Square

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



4284136802



4278239231



4292774381



4294609747

Rectangle

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



4284136802



4278240446



4292774381



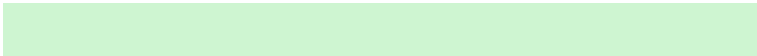
4294932372

Sweetspot

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



4284136802



4291753425



4290166106



4284709477



4294638330



4286216826

Same Dimension

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



4284136802



4284216679



4284136850



4283784790



4278230541



4278198018

Inverse Universe

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



4290599605



4294269928



4290599557



4284372318



4288544913



4280221724

Previews

White Background



This preview shows how the Android color 4284136802 looks on a white background.

Color Contrast Check

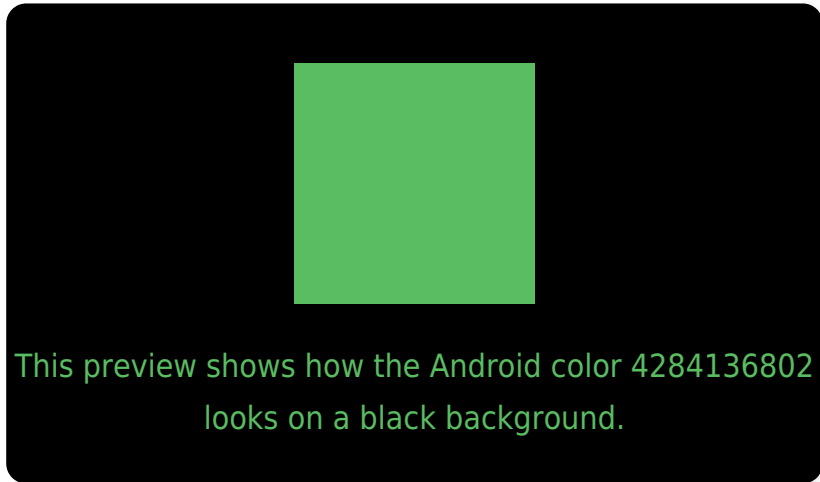
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

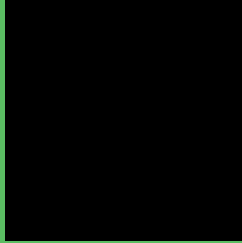
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Android 4284136802 Background



This preview shows how black text looks on a background with the Android color 4284136802.



This preview shows how white text looks on a background with the Android color 4284136802.

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

4284136802



Protanomaly

4288065629



Deuteranomaly

4288785254



Tritanomaly

4285052574

Monochromacy



Original Color

4284136802



Achromatopsia

4287993237



Achromatomaly

4286620802

CSS Examples

Text

The CSS property to change the color of the text to Android 4284136802 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(90, 189, 98)` looks like.

```
.text, #text, p{  
    color:rgb(90, 189, 98)  
}
```

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(90, 189, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 189, 98) }
```

Border

The CSS property to change the border of an element to Android 4284136802 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(90, 189, 98) }
```

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

```
.border{ border-color:rgb(90, 189, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 189, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 189, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 189, 98);  
box-shadow:4px 4px 4px 4px rgb(90, 189,  
98) }
```

Background

The CSS property to change the background color of an element to Android 4284136802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 189, 98) }
```

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

```
.background{ background-color: rgb(90, 189,  
98) }
```

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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