

Converting Colors

Android(4284464490)

Have a look what the booklet for
Android(4284464490) contains.

Android(4284464490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284464490)

Conversions

Conversions Part 1

Format	Color
Hex	5FBD6A
RGB	95, 189, 106
RGB Percent	37%, 74%, 42%
CMY	0.6275, 0.2588, 0.5843
CMYK	0.50, 0.00, 0.44, 0.26
HSL	127°, 42%, 56%
HSV	127°, 50%, 74%
XYZ	25.5184, 39.8687, 19.9861
YIQ	151.4320, -29.3810, -45.7410

Conversions

Conversions Part 2

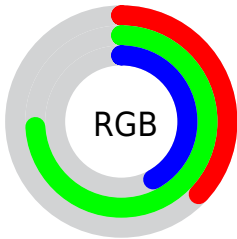
Format	Color
RYB	95, 179, 189
Decimal	6274410
CIELab	69.38, -45.44, 33.54
CIELCh	69, 56.477, 143.572
Yxy	39.8687, 0.2989, 0.4670
Android (android.graphics.Color)	4284464490 (0xFF5FBD6A)
YUV	151.4320, -22.3980, -49.4909
Hunter-Lab	63.1417, -38.3579, 25.4322

Details

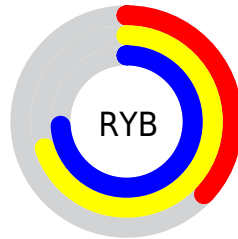
The Android color `4284464490` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290600882`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4288149150`, and `4280518457` is the 20% darker color. If you saturate the color by 10%, you get `4283219289`, and if you desaturate by 10%, it is `4285709691`.

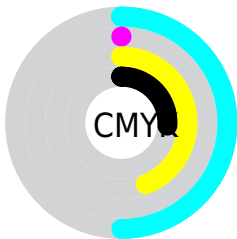
Distribution



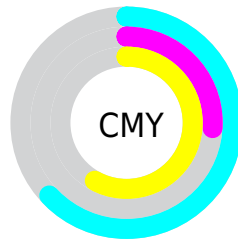
- Red (37%)
- Green (74%)
- Blue (42%)



- Red (37%)
- Yellow (70%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284464490 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 4284464490 by changing the saturation by 10% instead.

 4284464490

 4284464490

4294967295

 4282557009

 4288149150

 4280518457

 4290052026

 4278218017

 4291887062

 4278211591

 4293853170

 4278205184

 4278199808


 4278190080

 4284464490

 4284464490

 4283219289

 4285709691

 4281974089

 4286954891

 4280728888

 4288200092

 4279483687

 4289445293

 4278238487

 4290690493

 4278238486

 4291870158

 4293115359

 4294360560

 4294950399

Harmonies

Analogous

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



4288590662



4284464490



4278239900

Triad

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



4284464490



4278235903



4294934403

Complementary

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



4284464490



4290600882

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.



4294933943



4284464490



4288323839

Square

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



4284464490



4278238971



4292775143



4294283352

Rectangle

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



4284464490



4278240192



4292775143



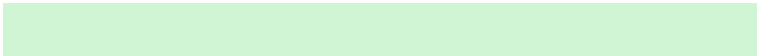
4294933908

Sweetspot

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



4284464490



4291884500



4289903967



4284775015



4294638330



4286216826

Same Dimension

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



4284464490



4284675443



4284464537



4283784790



4278230547



4278198020

Inverse Universe

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



4290600882



4294271716



4290600835



4284372317



4288544908



4280221723

Previews

White Background



This preview shows how the Android color 4284464490 looks on a white background.

Color Contrast Check

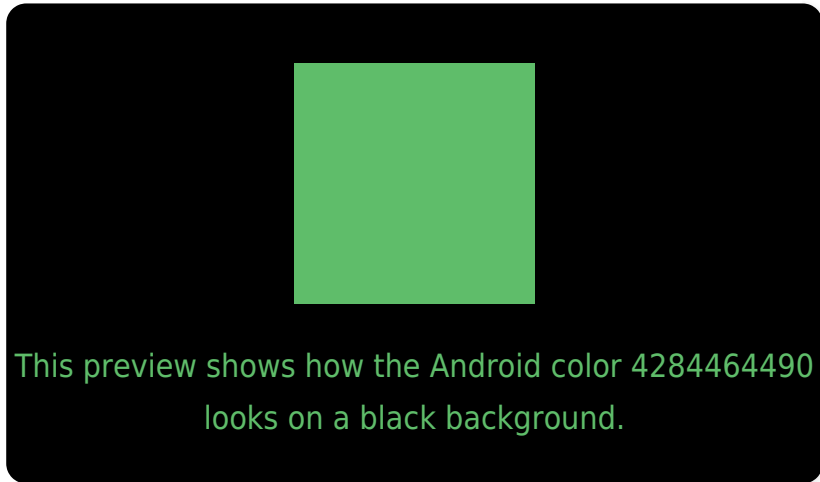
Large Text (above 18pt) WCAG AA × Fail

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 4284464490 Background



This preview shows how black text looks on a background with the Android color 4284464490.



This preview shows how white text looks on a background with the Android color 4284464490.

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

4284464490



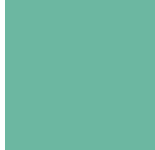
Protanomaly

4288196709



Deuteranomaly

4288916334



Tritanomaly

4285314977

Monochromacy



Original Color

4284464490



Achromatopsia

4288124823



Achromatomaly

4286817671

CSS Examples

Text

The CSS property to change the color of the text to Android 4284464490 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(95, 189, 106)` looks like.

```
.text, #text, p{  
    color:rgb(95, 189, 106)  
}
```

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(95, 189, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 189, 106) }
```

Border

The CSS property to change the border of an element to Android 4284464490 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(95, 189, 106) }
```

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

```
.border{ border-color:rgb(95, 189, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 189, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 189, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 189, 106);  
box-shadow:4px 4px 4px 4px rgb(95, 189,  
106) }
```

Background

The CSS property to change the background color of an element to Android 4284464490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 189, 106) }
```

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

```
.background{ background-color: rgb(95, 189,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor