

Converting Colors

Android(4284470124)

Have a look what the booklet for
Android(4284470124) contains.

Android(4284470124)	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(4284470124)

Conversions

Conversions Part 1

Format	Color
Hex	5FD36C
RGB	95, 211, 108
RGB Percent	37%, 83%, 42%
CMY	0.6275, 0.1725, 0.5765
CMYK	0.55, 0.00, 0.49, 0.17
HSL	127°, 57%, 60%
HSV	127°, 55%, 83%
XYZ	30.7204, 50.1041, 22.2393
YIQ	164.5740, -36.0730, -56.6250

Conversions

Conversions Part 2

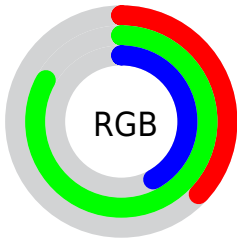
Format	Color
RYB	95, 199, 211
Decimal	6280044
CIELab	76.13, -53.99, 41.07
CIELCh	76, 67.834, 142.742
Yxy	50.1041, 0.2981, 0.4861
Android (android.graphics.Color)	4284470124 (0xFF5FD36C)
YUV	164.5740, -27.8910, -61.0164
Hunter-Lab	70.7843, -46.4035, 30.9210

Details

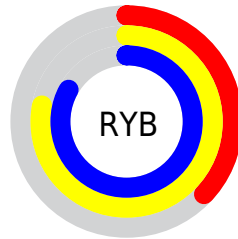
The Android color `4284470124` is a dark color, and the websafe version is hex `66CC66`. The color can be described as middle muted spring green. A complement of this color would be `4292042694`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288348065`, and `4279802681` is the 20% darker color. If you saturate the color by 10%, you get `4283093849`, and if you desaturate by 10%, it is `4285846399`.

Distribution



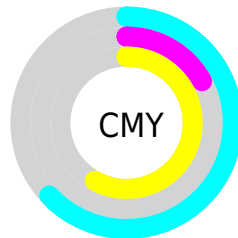
- Red (37%)
- Green (83%)
- Blue (42%)



- Red (37%)
- Yellow (78%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (49%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284470124 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 4284470124 by changing the saturation by 10% instead.

 4284470124

 4284470124

4294967295

 4282431314

 4288348065

 4279802681

 4290248637

 4278223136

 4292214745

 4278216449

 4294180854

 4278209792

 4278203648

 4278197760


 4278190080

 4284470124

 4284470124

 4283093849

 4285846399

 4281717575

 4287222673

 4280341300

 4288598948

 4278965025

 4289975223

 4278244120

 4291417034

 4292793308

 4294169583

 4294956031

Harmonies

Analogous

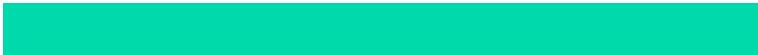
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289709886



4284470124



4278245802

Triad

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



4284470124



4278241279



4294936207

Complementary

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



4284470124



4292042694

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.



4294935502



4284470124



4288852479

Square

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



4284470124



4278244607



4294547455



4294941529

Rectangle

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



4284470124



4278246101



4294547455



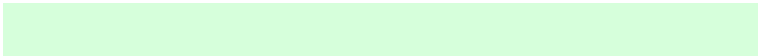
4294935203

Sweetspot

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



4284470124



4292280283



4291285855



4284973162



4278190080



4286611584

Same Dimension

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



4284470124



4283957098



4284470181



4284377439



4278233107



4278200581

Inverse Universe

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



4292042694



4294924268



4292042637



4285095527



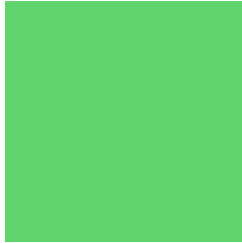
4289200277



4280877092

Previews

White Background



This preview shows how the Android color 4284470124 looks on a white background.

Color Contrast Check

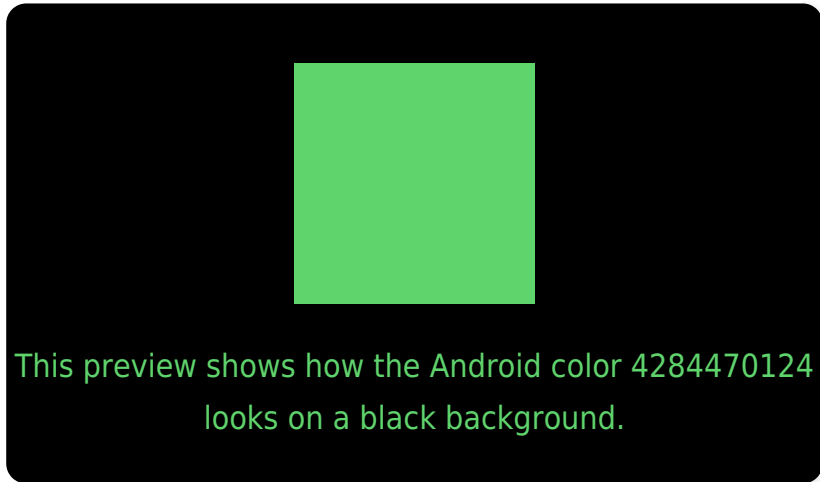
Large Text (above 18pt) WCAG AA × Fail

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

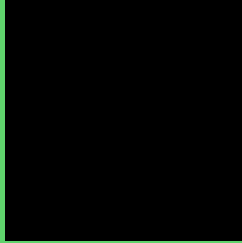
Any Text WCAG AA ✓ Pass

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 4284470124 Background



This preview shows how black text looks on a background with the Android color 4284470124.



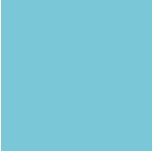
This preview shows how white text looks on a background with the Android color 4284470124.

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





Tritanopia
4286171095

Trichromacy



Original Color

4284470124



Protanomaly

4289053798



Deuteranomaly

4289904241



Tritanomaly

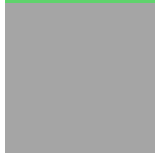
4285582256

Monochromacy



Original Color

4284470124



Achromatopsia

4289045925



Achromatomaly

4287411856

CSS Examples

Text

The CSS property to change the color of the text to Android 4284470124 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, 211, 108)` looks like.

```
.text, #text, p{  
    color:rgb(95, 211, 108)  
}
```

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, 211, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 211, 108) }
```

Border

The CSS property to change the border of an element to Android 4284470124 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, 211, 108) }
```

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

```
.border{ border-color:rgb(95, 211, 108) }
```

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

Here you see how a box with a 4 pixel rgb(95, 211, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 211, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 211, 108);  
box-shadow:4px 4px 4px 4px rgb(95, 211,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4284470124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 211, 108) }
```

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

```
.background{ background-color: rgb(95, 211,  
108) }
```

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