

Converting Colors

Android(4284272697)

Have a look what the booklet for
Android(4284272697) contains.

Android(4284272697)	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(4284272697)

Conversions

Conversions Part 1

Format	Color
Hex	5CD039
RGB	92, 208, 57
RGB Percent	36%, 82%, 22%
CMY	0.6392, 0.1843, 0.7765
CMYK	0.56, 0.00, 0.73, 0.18
HSL	106°, 62%, 52%
HSV	106°, 73%, 82%
XYZ	27.7080, 47.6825, 11.6142
YIQ	156.1020, -20.6650, -71.5530

Conversions

Conversions Part 2

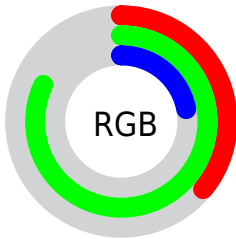
Format	Color
RYB	57, 208, 173
Decimal	6082617
CIELab	74.62, -59.09, 61.40
CIELCh	75, 85.213, 133.902
Yxy	47.6825, 0.3185, 0.5480
Android (android.graphics.Color)	4284272697 (0xFF5CD039)
YUV	156.1020, -48.8573, -56.2175
Hunter-Lab	69.0525, -49.2169, 38.3646

Details

The Android color `4284272697` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted green. A complement of this color would be `4289542608`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4288216945`, and `4278687744` is the 20% darker color. If you saturate the color by 10%, you get `4283224100`, and if you desaturate by 10%, it is `4285321294`.

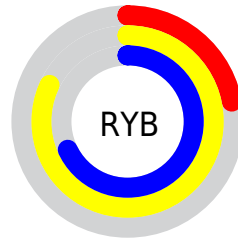
Distribution



Red (36%)

Green (82%)

Blue (22%)



Red (22%)

Yellow (82%)

Blue (68%)

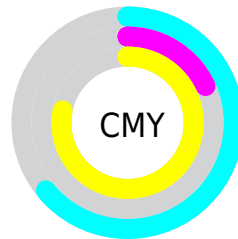


Cyan (56%)

Magenta (0%)

Yellow (73%)

Black (18%)



Cyan (64%)

Magenta (18%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284272697 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 4284272697 by changing the saturation by 10% instead.



4284272697



4284272697

4294967295



4282102808



4288216945



4278687744



4290183053



4278222336



4292149161



4278215680



4294180805



4278209024



4294967266



4278203136



4278196480



4278190080



4284272697



4284272697

■ 4283224100

■ 4285321294

■ 4282175503

■ 4286369891

■ 4281389056

■ 4287418487

■ 4288467084

■ 4289515681

■ 4290564278

■ 4291612875

■ 4292661471

■ 4293710068

Harmonies

Analogous

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



4290428672



4284272697



4278245769

Triad

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



4284272697



4278242559



4294927511

Complementary

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



4284272697



4289542608

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.



4294929637



4284272697



4282496511

Square

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



4284272697



4278245631



4293431807



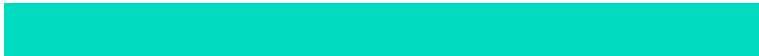
4294934861

Rectangle

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



4284272697



4278246336



4293431807



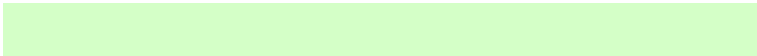
4294927025

Sweetspot

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



4284272697



4292149191



4291865913



4284907614



4278190080



4286611584

Same Dimension

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



4284272697



4283825953



4281978977



4284574046



4280788992



4278790400

Inverse Universe

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



4289542608



4291568127



4291836328



4284898921



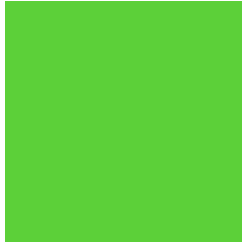
4286644392



4280221737

Previews

White Background



This preview shows how the Android color 4284272697 looks on a white background.

Color Contrast Check

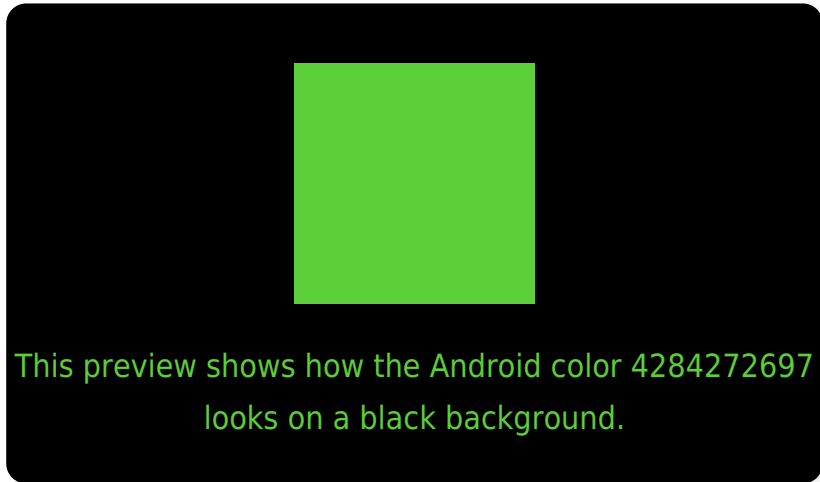
Large Text (above 18pt) WCAG AA × Fail

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 4284272697 Background



This preview shows how black text looks on a background with the Android color 4284272697.



This preview shows how white text looks on a background with the Android color 4284272697.

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



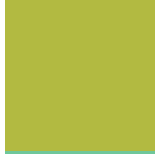
Original Color

4284272697



Protanomaly

4288921653



Deuteranomaly

4289903169



Tritanomaly

4285515674

Monochromacy



Original Color

4284272697



Achromatopsia

4288453788



Achromatomaly

4286951288

CSS Examples

Text

The CSS property to change the color of the text to Android 4284272697 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(92, 208, 57)` looks like.

```
.text, #text, p{  
    color:rgb(92, 208, 57)  
}
```

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(92, 208, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 208, 57) }
```

Border

The CSS property to change the border of an element to Android 4284272697 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(92, 208, 57) }
```

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

```
.border{ border-color:rgb(92, 208, 57) }
```

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

Here you see how a box with a 4 pixel rgb(92, 208, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 208, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 208, 57);  
box-shadow:4px 4px 4px 4px rgb(92, 208,  
57) }
```

Background

The CSS property to change the background color of an element to Android 4284272697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 208, 57) }
```

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

```
.background{ background-color: rgb(92, 208,  
57) }
```

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