

Converting Colors

Android(4284926506)

Have a look what the booklet for
Android(4284926506) contains.

Android(4284926506)	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(4284926506)

Conversions

Conversions Part 1

Format	Color
Hex	66CA2A
RGB	102, 202, 42
RGB Percent	40%, 79%, 16%
CMY	0.6000, 0.2078, 0.8353
CMYK	0.50, 0.00, 0.79, 0.21
HSL	98°, 66%, 48%
HSV	98°, 79%, 79%
XYZ	27.0179, 45.2330, 9.4973
YIQ	153.8600, -8.2400, -70.9600

Conversions

Conversions Part 2

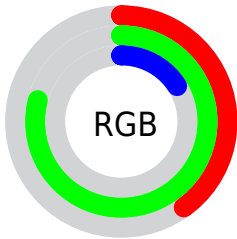
Format	Color
RYB	42, 202, 142
Decimal	6736426
CIELab	73.05, -55.06, 64.83
CIELCh	73, 85.054, 130.341
Yxy	45.2330, 0.3305, 0.5533
Android (android.graphics.Color)	4284926506 (0xFF66CA2A)
YUV	153.8600, -55.1470, -45.4812
Hunter-Lab	67.2555, -45.9899, 38.7063

Details

The Android color **4284926506** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **4287507146**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4288806757**, and **4280521472** is the 20% darker color. If you saturate the color by 10%, you get **4284074518**, and if you desaturate by 10%, it is **4285778494**.

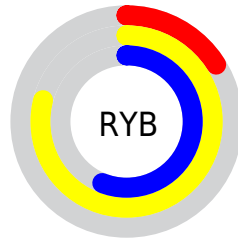
Distribution



Red (40%)

Green (79%)

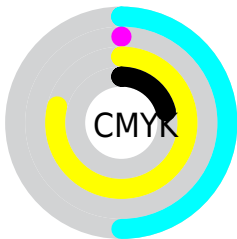
Blue (16%)



Red (16%)

Yellow (79%)

Blue (56%)

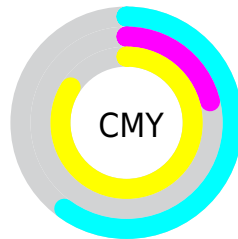


Cyan (50%)

Magenta (0%)

Yellow (79%)

Black (21%)



Cyan (60%)

Magenta (21%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284926506 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 4284926506 by changing the saturation by 10% instead.



4284926506



4284926506

4294967295



4282887680



4288806757



4280521472



4290772865



4278220800



4292738973



4278214400



4294705081



4278208000



4294967254



4278202368



4294967284



4278194944



4278190080



4284926506



4284926506

■ 4284074518

■ 4285778494

■ 4283288066

■ 4286564946

■ 4283222528

■ 4287416935

■ 4288268923

■ 4289055375

■ 4289907363

■ 4290693815

■ 4291545804

■ 4292397792

Harmonies

Analogous

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



4290689024



4284926506



4278244220

Triad

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



4284926506



4278242047



4294925980

Complementary

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



4284926506



4287507146

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.



4294929386



4284926506



4278236415

Square

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



4284926506



4278244607



4292317695



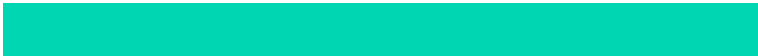
4294932561

Rectangle

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



4284926506



4278245042



4292317695



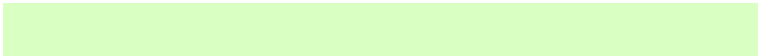
4294925750

Sweetspot

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



4284926506



4292476866



4291464490



4285038683



4278190080



4286611584

Same Dimension

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



4284926506



4285071117



4280994365



4284507740



4282295808



4279117312

Inverse Universe

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



4287507146



4288941567



4291439287



4284636262



4285005990



4279762982

Previews

White Background



This preview shows how the Android color 4284926506 looks on a white background.

Color Contrast Check

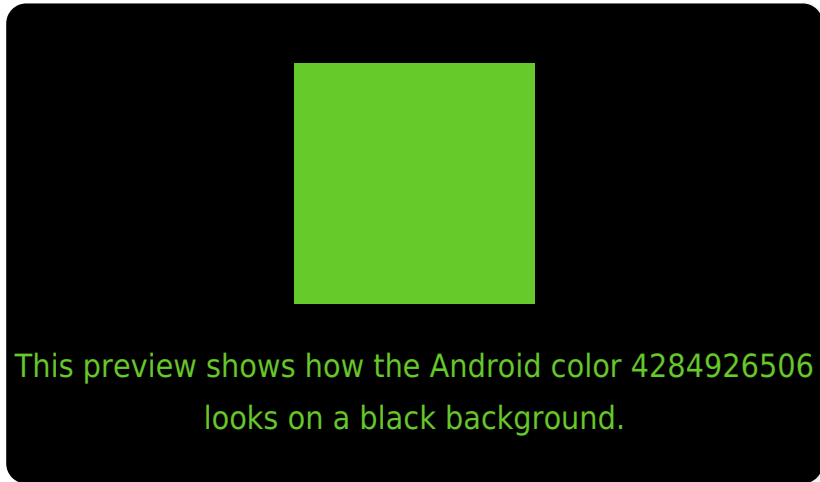
Large Text (above 18pt) WCAG AA × Fail

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 4284926506 Background



This preview shows how black text looks on a background with the Android color 4284926506.



This preview shows how white text looks on a background with the Android color 4284926506.

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](#).

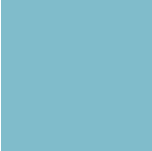
Dichromacy



Original Color
4284926506

Protanopia
4291343140

Deuteranopia
4292847930



Tritanopia
4286627019

Trichromacy



Original Color

4284926506



Protanomaly

4288985894



Deuteranomaly

4289967412



Tritanomaly

4286038416

Monochromacy



Original Color

4284926506



Achromatopsia

4288322202



Achromatomaly

4287081329

CSS Examples

Text

The CSS property to change the color of the text to Android 4284926506 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(102, 202, 42)` looks like.

```
.text, #text, p{  
    color:rgb(102, 202, 42)  
}
```

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(102, 202, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 202, 42) }
```

Border

The CSS property to change the border of an element to Android 4284926506 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(102, 202, 42) }
```

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

```
.border{ border-color:rgb(102, 202, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 202, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 202, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 202, 42);  
box-shadow:4px 4px 4px 4px rgb(102, 202,  
42) }
```

Background

The CSS property to change the background color of an element to Android 4284926506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 202, 42) }
```

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

```
.background{ background-color: rgb(102,  
202, 42) }
```

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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