

Converting Colors

Android(4286566742)

Have a look what the booklet for
Android(4286566742) contains.

Android(4286566742)	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(4286566742)

Conversions

Conversions Part 1

Format	Color
Hex	7FD156
RGB	127, 209, 86
RGB Percent	50%, 82%, 34%
CMY	0.5020, 0.1804, 0.6627
CMYK	0.39, 0.00, 0.59, 0.18
HSL	100°, 57%, 58%
HSV	100°, 59%, 82%
XYZ	33.2326, 50.7848, 16.8550
YIQ	170.4600, -9.3890, -55.6370

Conversions

Conversions Part 2

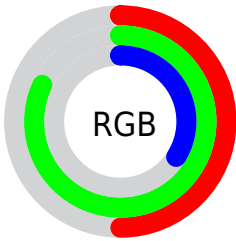
Format	Color
RYB	86, 209, 168
Decimal	8376662
CIELab	76.55, -46.67, 52.18
CIELCh	77, 70.006, 131.810
Yxy	50.7848, 0.3295, 0.5035
Android (android.graphics.Color)	4286566742 (0xFF7FD156)
YUV	170.4600, -41.6388, -38.1144
Hunter-Lab	71.2635, -41.4705, 35.8614

Details

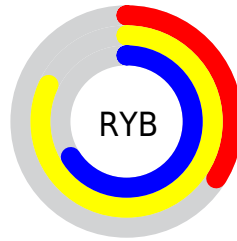
The Android color **4286566742** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **4289222353**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4290314123**, and **4282817055** is the 20% darker color. If you saturate the color by 10%, you get **4285649217**, and if you desaturate by 10%, it is **4287484267**.

Distribution



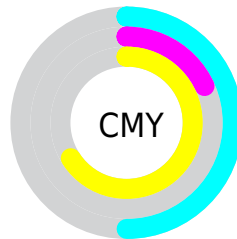
- Red (50%)
- Green (82%)
- Blue (34%)



- Red (34%)
- Yellow (82%)
- Blue (66%)



- Cyan (39%)
- Magenta (0%)
- Yellow (59%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286566742 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 4286566742 by changing the saturation by 10% instead.

 4286566742

 4286566742

4294967295

 4284724539

 4290314123

 4282817055

 4292214695

 4280778496

 4294180803

 4278216192

 4294967264

 4278209792

4294967293

 4278203648

 4278198016

 4278190080

 4286566742

 4286566742

 4285649217

 4287484267

 4284731692

 4288401792

 4283814167

 4289319317

 4282896642

 4290236842

 4282831104

 4291154367

 4292071891

 4292989416

 4293841405

 4294758911

Harmonies

Analogous

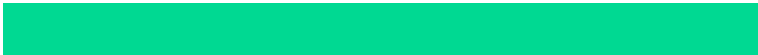
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4291281456



4286566742



4278245778

Triad

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



4286566742



4278243327



4294934694

Complementary

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



4286566742



4289222353

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.



4294936551



4286566742



4285381631

Square

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



4286566742



4278245887



4292977151



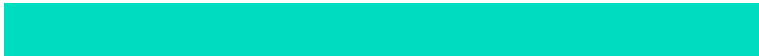
4294938985

Rectangle

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



4286566742



4278246591



4292977151



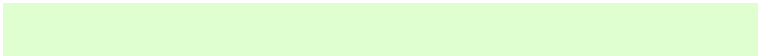
4294934716

Sweetspot

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



4286566742



4292935633



4291930198



4285366371



4278190080



4286611584

Same Dimension

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



4286566742



4287037258



4283879786



4284639582



4281903104



4279118080

Inverse Universe

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



4289222353



4290988799



4291909308



4284833385



4285530280



4279959593

Previews

White Background



This preview shows how the Android color 4286566742 looks on a white background.

Color Contrast Check

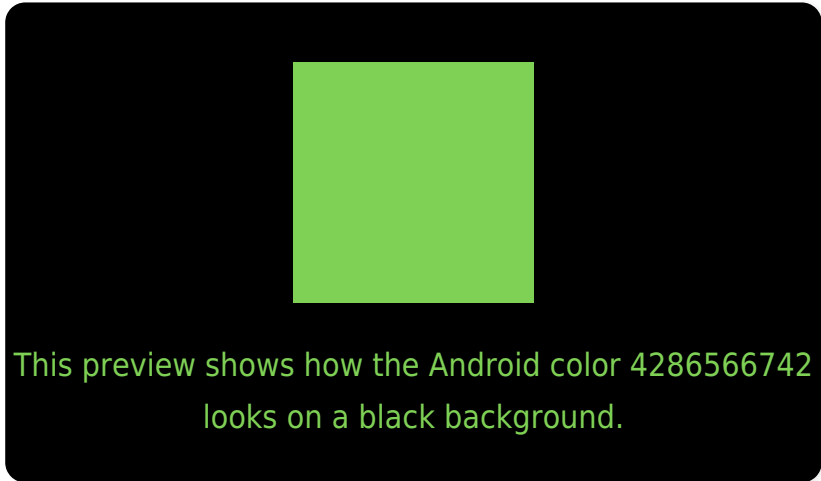
Large Text (above 18pt) WCAG AA × Fail

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 4286566742 Background



This preview shows how black text looks on a background with the Android color 4286566742.



This preview shows how white text looks on a background with the Android color 4286566742.

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

4286566742



Protanomaly

4289971282



Deuteranomaly

4290887260



Tritanomaly

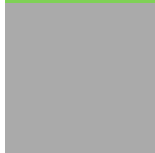
4287416742

Monochromacy



Original Color

4286566742



Achromatopsia

4289374890



Achromatomaly

4288329867

CSS Examples

Text

The CSS property to change the color of the text to Android 4286566742 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(127, 209, 86)` looks like.

```
.text, #text, p{  
    color:rgb(127, 209, 86)  
}
```

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(127, 209, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 209, 86) }
```

Border

The CSS property to change the border of an element to Android 4286566742 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(127, 209, 86) }
```

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

```
.border{ border-color:rgb(127, 209, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 209, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 209, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 209, 86);  
box-shadow:4px 4px 4px 4px rgb(127, 209,  
86) }
```

Background

The CSS property to change the background color of an element to Android 4286566742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 209, 86) }
```

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

```
.background{ background-color: rgb(127,  
209, 86) }
```

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