

Converting Colors

Android(4283407686)

Have a look what the booklet for
Android(4283407686) contains.

Android(4283407686)	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(4283407686)

Conversions

Conversions Part 1

Format	Color
Hex	4F9D46
RGB	79, 157, 70
RGB Percent	31%, 62%, 27%
CMY	0.6902, 0.3843, 0.7255
CMYK	0.50, 0.00, 0.55, 0.38
HSL	114°, 38%, 45%
HSV	114°, 55%, 62%
XYZ	16.3869, 26.2184, 9.9913
YIQ	123.7600, -18.5610, -43.5930

Conversions

Conversions Part 2

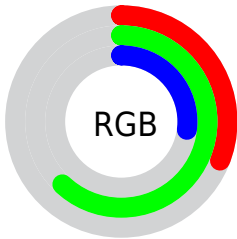
Format	Color
RYB	70, 157, 148
Decimal	5217606
CIELab	58.24, -41.73, 37.80
CIELCh	58, 56.304, 137.832
Yxy	26.2184, 0.3116, 0.4985
Android (android.graphics.Color)	4283407686 (0xFF4F9D46)
YUV	123.7600, -26.5037, -39.2545
Hunter-Lab	51.2039, -32.4811, 24.2736

Details

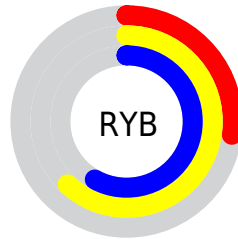
The Android color `4283407686` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287907485`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4287026297`, and `4279331092` is the 20% darker color. If you saturate the color by 10%, you get `4282490166`, and if you desaturate by 10%, it is `4284325206`.

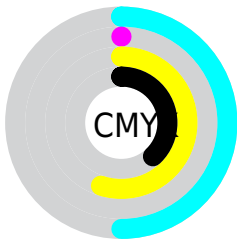
Distribution



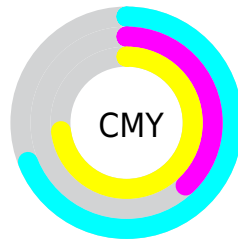
- Red (31%)
- Green (62%)
- Blue (27%)



- Red (27%)
- Yellow (62%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (55%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283407686 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 4283407686 by changing the saturation by 10% instead.



4283407686



4283407686

4294967295



4281565741



4287026297



4279331092



4288868755



4278210560



4290707374



4278204416



4292607946



4278199040



4294508518



4278190080



4283407686



4283407686



4282490166



4284325206



4281572647



4285242725

 4280655127

 4286160245

 4279737607

 4287077765


 4279278848

 4287995285

 4288912804

 4289895860

 4290813380

 4291730899

Harmonies

Analogous

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



4287271716



4283407686



4278231670

Triad

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



4283407686



4278228972



4293287793

Complementary

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



4283407686



4287907485

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.



4292567458



4283407686



4284975082

Square

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



4283407686



4278231252



4290015951



4292308804

Rectangle

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



4283407686



4278232216



4290015951



4293221761

Sweetspot

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



4283407686



4289580201



4288516934



4283721298



4293322470



4284900966

Same Dimension

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



4283407686



4283681861



4282817895



4282928967



4279209728



4278324992

Inverse Universe

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



4287907485



4290659788



4288497276



4283320143



4286578831



4279107599

Previews

White Background



This preview shows how the Android color 4283407686 looks on a white background.

Color Contrast Check

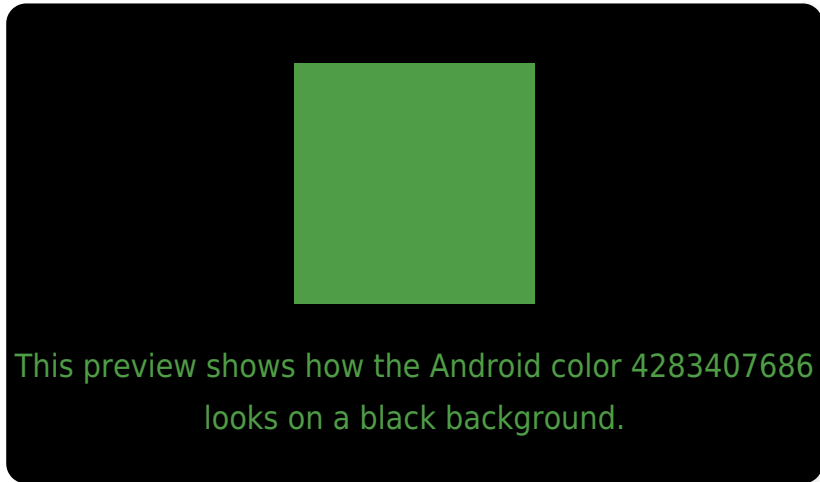
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283407686 Background



This preview shows how black text looks on a background with the Android color 4283407686.



This preview shows how white text looks on a background with the Android color 4283407686.

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
4283407686

Protanopia
4288318272

Deuteranopia
4289365325

Trichromacy



Original Color
4283407686

Protanomaly
4286550594

Deuteranomaly
4287204938

Tritanomaly
4284127103

Monochromacy



Original Color
4283407686

Achromatopsia
4286348412

Achromatomaly
4285302888

CSS Examples

Text

The CSS property to change the color of the text to Android 4283407686 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(79, 157, 70)` looks like.

```
.text, #text, p{  
    color:rgb(79, 157, 70)  
}
```

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(79, 157, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 157, 70) }
```

Border

The CSS property to change the border of an element to Android 4283407686 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(79, 157, 70) }
```

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

```
.border{ border-color:rgb(79, 157, 70) }
```

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

Here you see how a box with a 4 pixel rgb(79, 157, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 157, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 157, 70);  
box-shadow:4px 4px 4px 4px rgb(79, 157,  
70) }
```

Background

The CSS property to change the background color of an element to Android 4283407686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 157, 70) }
```

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

```
.background{ background-color: rgb(79, 157,  
70) }
```

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