

Converting Colors

Android(4284461886)

Have a look what the booklet for
Android(4284461886) contains.

Android(4284461886)	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(4284461886)

Conversions

Conversions Part 1

Format	Color
Hex	5FB33E
RGB	95, 179, 62
RGB Percent	37%, 70%, 24%
CMY	0.6275, 0.2980, 0.7569
CMYK	0.47, 0.00, 0.65, 0.30
HSL	103°, 49%, 47%
HSV	103°, 65%, 70%
XYZ	21.7089, 35.0209, 10.1730
YIQ	140.5460, -12.5070, -54.1950

Conversions

Conversions Part 2

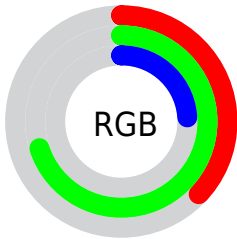
Format	Color
RYB	62, 179, 146
Decimal	6271806
CIELab	65.76, -46.80, 50.22
CIELCh	66, 68.647, 132.980
Yxy	35.0209, 0.3245, 0.5235
Android (android.graphics.Color)	4284461886 (0xFF5FB33E)
YUV	140.5460, -38.7232, -39.9438
Hunter-Lab	59.1785, -38.0817, 31.2328

Details

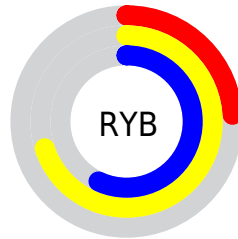
The Android color `4284461886` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287774387`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4288146291`, and `4280450304` is the 20% darker color. If you saturate the color by 10%, you get `4283609900`, and if you desaturate by 10%, it is `4285313872`.

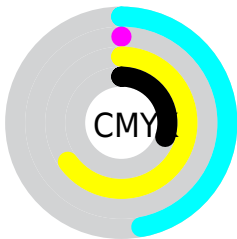
Distribution



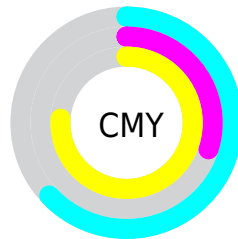
- Red (37%)
- Green (70%)
- Blue (24%)



- Red (24%)
- Yellow (70%)
- Blue (57%)



- Cyan (47%)
- Magenta (0%)
- Yellow (65%)
- Black (30%)



- Cyan (63%)
- Magenta (30%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284461886 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 4284461886 by changing the saturation by 10% instead.



4284461886



4284461886

4294967295



4282554403



4288146291



4280450304



4290051982



4278215680



4291952553



4278209280



4293853125



4278203136



4294967266



4278197504



4278190080



4284461886



4284461886



4283609900




4285313872

 4282757914

 4286165858

 4281905928

 4287017844

 4281512704

 4287804294

 4288656280

 4289508265

 4290360251

 4291212237

 4292064223

Harmonies

Analogous

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



4289045771



4284461886



4278237817

Triad

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



4284461886



4278235391



4294927240

Complementary

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



4284461886



4287774387

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.



4294797765



4284461886



4283408127

Square

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



4284461886



4278237939



4291134459



4294932046

Rectangle

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



4284461886



4278238372



4291134459



4294927004

Sweetspot

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



4284461886



4291291322



4289958462



4284577113



4294309365



4285887861

Same Dimension

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



4284461886



4284934195



4282299223



4283652432



4281047296



4278655488

Inverse Universe

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



4287774387



4290065384



4289937050



4283912281



4285399193



4279369754

Previews

White Background



This preview shows how the Android color 4284461886 looks on a white background.

Color Contrast Check

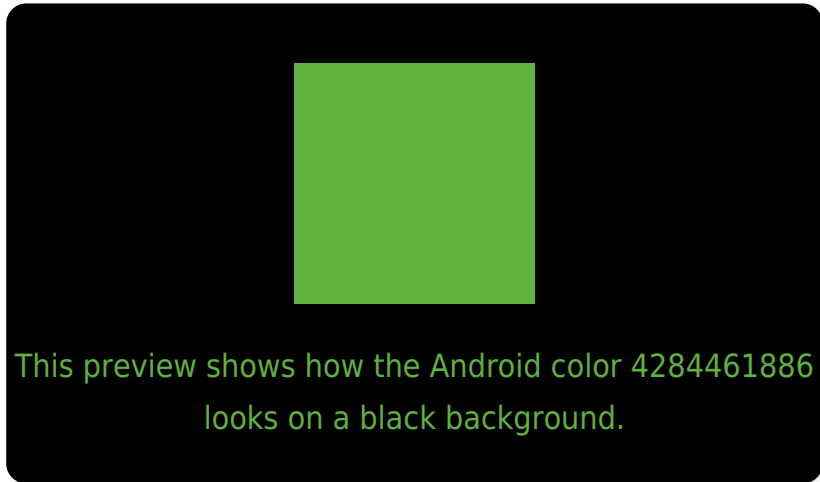
Large Text (above 18pt) WCAG AA × Fail

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 4284461886 Background



This preview shows how black text looks on a background with the Android color 4284461886.



This preview shows how white text looks on a background with the Android color 4284461886.

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
4284461886

Protanopia
4289830712

Deuteranopia
4291139399

Trichromacy



Original Color

4284461886



Protanomaly

4287866426



Deuteranomaly

4288717124



Tritanomaly

4285311882

Monochromacy



Original Color

4284461886



Achromatopsia

4287466893



Achromatomaly

4286356336

CSS Examples

Text

The CSS property to change the color of the text to Android 4284461886 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, 179, 62)` looks like.

```
.text, #text, p{  
    color:rgb(95, 179, 62)  
}
```

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, 179, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 179, 62) }
```

Border

The CSS property to change the border of an element to Android 4284461886 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, 179, 62) }
```

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

```
.border{ border-color:rgb(95, 179, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 179, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 179, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 179, 62);  
box-shadow:4px 4px 4px 4px rgb(95, 179,  
62) }
```

Background

The CSS property to change the background color of an element to Android 4284461886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 179, 62) }
```

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

```
.background{ background-color: rgb(95, 179,  
62) }
```

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