

Converting Colors

Android(4284001091)

Have a look what the booklet for
Android(4284001091) contains.

Android(4284001091)	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(4284001091)

Conversions

Conversions Part 1

Format	Color
Hex	58AB43
RGB	88, 171, 67
RGB Percent	35%, 67%, 26%
CMY	0.6549, 0.3294, 0.7373
CMYK	0.49, 0.00, 0.61, 0.33
HSL	108°, 44%, 47%
HSV	108°, 61%, 67%
XYZ	19.6005, 31.6058, 10.3777
YIQ	134.3270, -16.0840, -49.9400

Conversions

Conversions Part 2

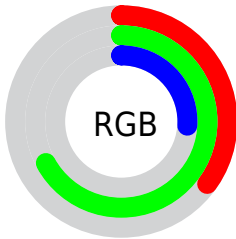
Format	Color
RYB	67, 171, 150
Decimal	5811011
CIELab	63.02, -45.18, 44.88
CIELCh	63, 63.682, 135.195
Yxy	31.6058, 0.3183, 0.5132
Android (android.graphics.Color)	4284001091 (0xFF58AB43)
YUV	134.3270, -33.1922, -40.6288
Hunter-Lab	56.2190, -36.1500, 28.4088

Details

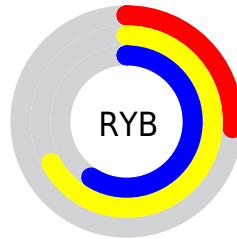
The Android color `4284001091` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4288037803`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4287685495`, and `4279989771` is the 20% darker color. If you saturate the color by 10%, you get `4283083570`, and if you desaturate by 10%, it is `4284918612`.

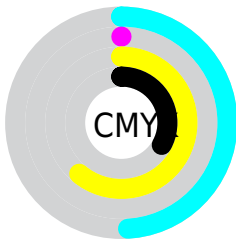
Distribution



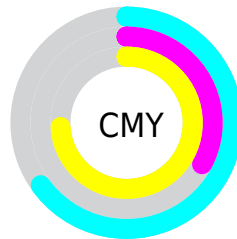
- Red (35%)
- Green (67%)
- Blue (26%)



- Red (26%)
- Yellow (67%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284001091 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 4284001091 by changing the saturation by 10% instead.



4284001091



4284001091

4294967295



4282093609



4287685495



4279989771



4289527697



4278213632



4291428269



4278207488



4293328841



4278201600



4294967269



4278194688



4278190080



4284001091



4284001091



4283083570



4284918612

 4282231585

 4285770597

 4281314064

 4286688118


 4280527616

 4287605639

 4288457624

 4289375146

 4290292667

 4291144652

 4292062173

Harmonies

Analogous

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



4288323354



4284001091



4278235770

Triad

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



4284001091



4278233087



4294927230

Complementary

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



4284001091



4288037803

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.



4294010551



4284001091



4284454399

Square

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



4284001091



4278235368



4290805225



4293948490

Rectangle

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



4284001091



4278236065



4290805225



4294861201

Sweetspot

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



4284001091



4290698934



4289434691



4284313688



4293980400



4285558896

Same Dimension

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



4284001091



4284341820



4282624864



4283455310



4280194560



4278523648

Inverse Universe

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



4288037803



4290591966



4289414030



4283780695



4286054550



4279369751

Previews

White Background



This preview shows how the Android color 4284001091 looks on a white background.

Color Contrast Check

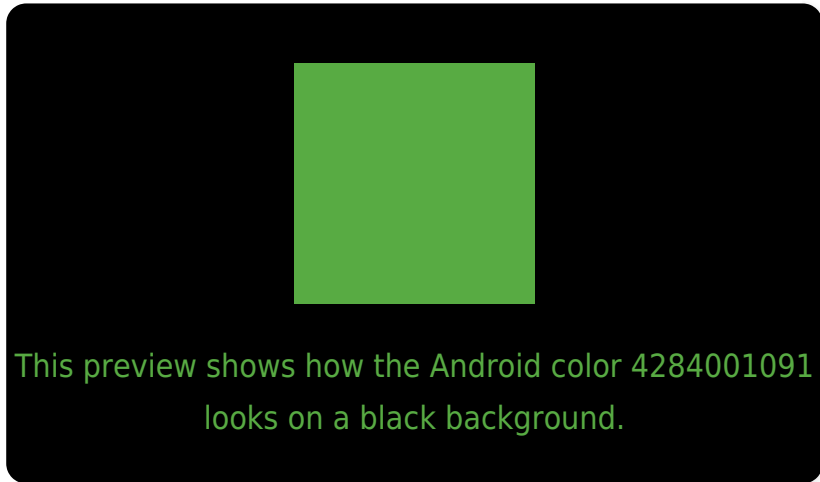
Large Text (above 18pt) WCAG AA × Fail

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 4284001091 Background



This preview shows how black text looks on a background with the Android color 4284001091.



This preview shows how white text looks on a background with the Android color 4284001091.

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
4284001091



Protanomaly
4287405887



Deuteranomaly
4288125512



Tritanomaly
4284851334

Monochromacy



Original Color
4284001091



Achromatopsia
4287006342



Achromatomaly
4285895534

CSS Examples

Text

The CSS property to change the color of the text to Android 4284001091 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(88, 171, 67)` looks like.

```
.text, #text, p{  
    color:rgb(88, 171, 67)  
}
```

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(88, 171, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 171, 67) }
```

Border

The CSS property to change the border of an element to Android 4284001091 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(88, 171, 67) }
```

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

```
.border{ border-color:rgb(88, 171, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 171, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 171, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 171, 67);  
box-shadow:4px 4px 4px 4px rgb(88, 171,  
67) }
```

Background

The CSS property to change the background color of an element to Android 4284001091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 171, 67) }
```

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

```
.background{ background-color: rgb(88, 171,  
67) }
```

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