

Converting Colors

Android(4288586191)

Have a look what the booklet for
Android(4288586191) contains.

Android(4288586191)	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(4288586191)

Conversions

Conversions Part 1

Format	Color
Hex	9EA1CF
RGB	158, 161, 207
RGB Percent	62%, 63%, 81%
CMY	0.3804, 0.3686, 0.1882
CMYK	0.24, 0.22, 0.00, 0.19
HSL	236°, 34%, 72%
HSV	236°, 24%, 81%
XYZ	38.1079, 37.2638, 64.2156
YIQ	165.3470, -16.5540, 13.6700

Conversions

Conversions Part 2

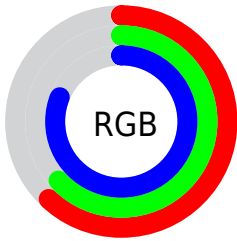
Format	Color
R_{YB}	158, 161, 207
Decimal	10396111
CIE Lab	67.47, 8.89, -23.80
CIE LCh	67, 25.406, 290.475
Yxy	37.2638, 0.2730, 0.2670
Android (android.graphics.Color)	4288586191 (0xFF9EA1CF)
YUV	165.3470, 20.5349, -6.4433
Hunter-Lab	61.0441, 4.6047, -19.6395

Details

The Android color `4288586191` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4291808414`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4292204799`, and `4285165209` is the 20% darker color. If you saturate the color by 10%, you get `4287205071`, and if you desaturate by 10%, it is `4289967311`.

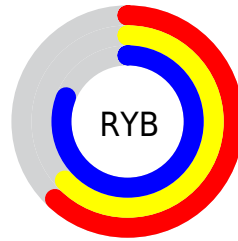
Distribution



Red (62%)

Green (63%)

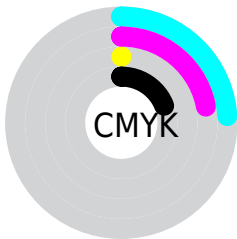
Blue (81%)



Red (62%)

Yellow (63%)

Blue (81%)

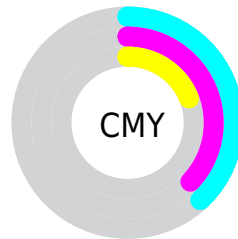


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (38%)

Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288586191 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 4288586191 by changing the saturation by 10% instead.

 4288586191

 4288586191

4294967295

 4286810035

 4292204799

 4285165209

 4294112511

 4283520382

 4281876069

 4280363085

 4278654006

 4278190625

 4278190085

 4278190080

■ 4288586191

■ 4288586191

■ 4287205071

■ 4289967311

■ 4285889231

■ 4291283151

■ 4284508111

■ 4292664271

■ 4283126735

■ 4294045647

■ 4281811151

■ 4294967247

■ 4280429775

■ 4279048655

■ 4278193615

Harmonies

Analogous

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



4286491089



4288586191



4290484674

Triad

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



4288586191



4291598722



4285641116

Complementary

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



4288586191



4291808414

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.



4287278727



4288586191



4290551927

Square

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



4288586191



4292056213



4289046649



4284592563

Rectangle

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



4288586191



4291335604



4289046649



4286165140

Sweetspot

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



4288586191



4293783295



4288597964



4285888128



4278190080



4286611584

Same Dimension

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



4288586191



4290297087



4289961679



4284374889



4278192808



4278190633

Inverse Universe

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



4291796641



4294949052



4290432926



4285095519



4289200138



4280877058

Previews

White Background



This preview shows how the Android color 4288586191 looks on a white background.

Color Contrast Check

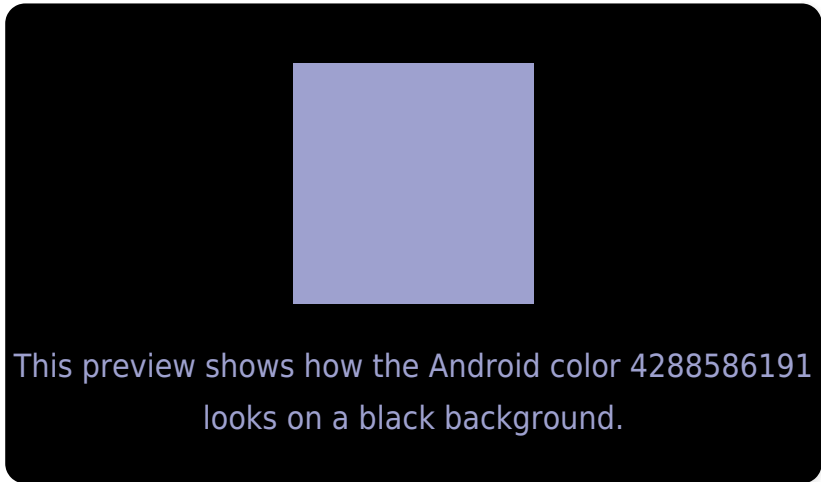
Large Text (above 18pt) WCAG AA × Fail

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 4288586191 Background



This preview shows how black text looks on a background with the Android color 4288586191.



This preview shows how white text looks on a background with the Android color 4288586191.

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

4288586191

Protanopia

4288258768

Deuteranopia

4288586191

Trichromacy



Original Color
4288586191

Protanomaly
4288389840

Deuteranomaly
4288586191

Tritanomaly
4288390333

Monochromacy



Original Color
4288586191

Achromatopsia
4289045925

Achromatomaly
4288849076

CSS Examples

Text

The CSS property to change the color of the text to Android 4288586191 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(158, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 207)  
}
```

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(158, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 207) }
```

Border

The CSS property to change the border of an element to Android 4288586191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

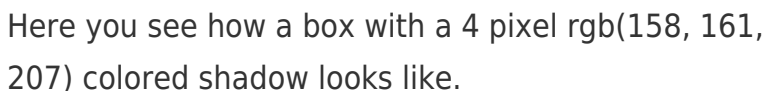
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 161, 207) }
```

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

```
.border{ border-color:rgb(158, 161, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(158, 161,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4288586191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 207) }
```

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

```
.background{ background-color: rgb(158,  
161, 207) }
```

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