

Converting Colors

Android(4281899187)

Have a look what the booklet for
Android(4281899187) contains.

Android(4281899187)	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(4281899187)

Conversions

Conversions Part 1

Format	Color
Hex	3898B3
RGB	56, 152, 179
RGB Percent	22%, 60%, 70%
CMY	0.7804, 0.4039, 0.2980
CMYK	0.69, 0.15, 0.00, 0.30
HSL	193°, 52%, 46%
HSV	193°, 69%, 70%
XYZ	20.9958, 26.5519, 46.6663
YIQ	126.3740, -65.8830, -11.9550

Conversions

Conversions Part 2

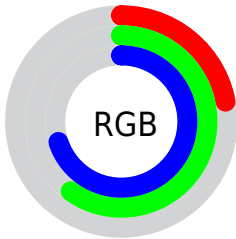
Format	Color
RYB	56, 110, 179
Decimal	3709107
CIELab	58.56, -19.12, -22.24
CIElCh	59, 29.330, 229.326
Yxy	26.5519, 0.2229, 0.2818
Android (android.graphics.Color)	4281899187 (0xFF3898B3)
YUV	126.3740, 25.9446, -61.7180
Hunter-Lab	51.5285, -17.4434, -17.6254

Details

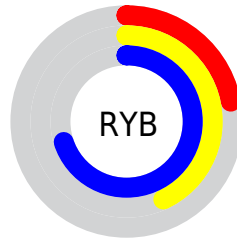
The Android color `4281899187` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289942328`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4285976299`, and `4278216062` is the 20% darker color. If you saturate the color by 10%, you get `4280718515`, and if you desaturate by 10%, it is `4283079859`.

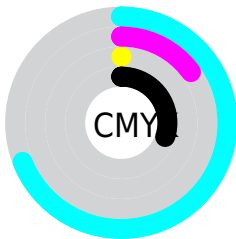
Distribution



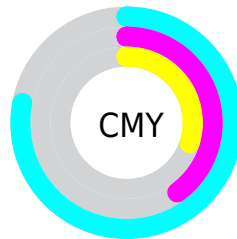
- Red (22%)
- Green (60%)
- Blue (70%)



- Red (22%)
- Yellow (43%)
- Blue (70%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (78%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281899187 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 4281899187 by changing the saturation by 10% instead.



4281899187



4281899187

4294967295



4278681240



4285976299



4278216062



4287884287



4278209893



4289789951



4278203981



4291690495



4278198582



4293656575



4278190625



4278190086



4278190080



4281899187



4281899187

■ 4280718515

■ 4283079859

■ 4279537843

■ 4284260531

■ 4278357171

■ 4285441203

■ 4278226099

■ 4286621875

■ 4287737011

■ 4288917683

■ 4290098355

■ 4291278771

■ 4292459443

Harmonies

Analogous

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



4281768861



4281899187



4284191423

Triad

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



4281899187



4290345623



4287467612

Complementary

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



4281899187



4289942328

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.



4289169498



4281899187



4290804349

Square

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



4281899187



4288970927



4290347111



4285568875

Rectangle

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



4281899187



4285959615



4290347111



4288056922

Sweetspot

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



4281899187



4290239976



4281906003



4283985781



4294309365



4285887861

Same Dimension

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



4281899187



4280991464



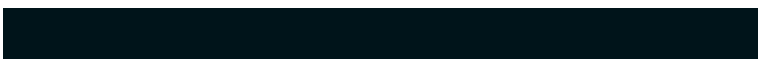
4281883571



4283455321



4278220697



4278195226

Inverse Universe

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



4289935512



4293405374



4289957944



4284043351



4288217207



4279894036

Previews

White Background



This preview shows how the Android color 4281899187 looks on a white background.

Color Contrast Check

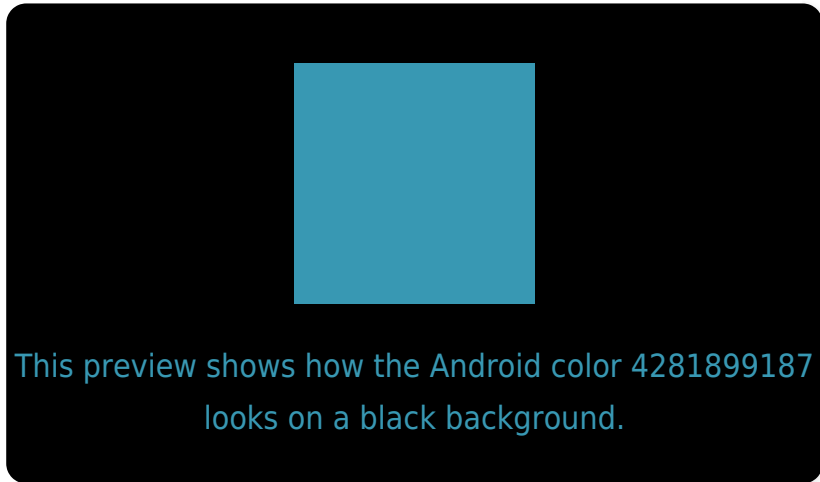
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281899187 Background



This preview shows how black text looks on a background with the Android color 4281899187.



This preview shows how white text looks on a background with the Android color 4281899187.

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
4281899187

Protanomaly
4285108397

Deuteranomaly
4285042613

Tritanomaly
4281571755

Monochromacy



Original Color
4281899187

Achromatopsia
4286479998

Achromatomaly
4284843921

CSS Examples

Text

The CSS property to change the color of the text to Android 4281899187 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(56, 152, 179)` looks like.

```
.text, #text, p{  
    color:rgb(56, 152, 179)  
}
```

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(56, 152, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 152, 179) }
```

Border

The CSS property to change the border of an element to Android 4281899187 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(56, 152, 179) }
```

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

```
.border{ border-color:rgb(56, 152, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 152, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 152, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 152, 179);  
box-shadow:4px 4px 4px 4px rgb(56, 152,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4281899187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 152, 179) }
```

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

```
.background{ background-color: rgb(56, 152,  
179) }
```

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