

Converting Colors

Android(4283201920)

Have a look what the booklet for
Android(4283201920) contains.

Android(4283201920)	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(4283201920)

Conversions

Conversions Part 1

Format	Color
Hex	4C7980
RGB	76, 121, 128
RGB Percent	30%, 47%, 50%
CMY	0.7020, 0.5255, 0.4980
CMYK	0.41, 0.05, 0.00, 0.50
HSL	188°, 25%, 40%
HSV	188°, 41%, 50%
XYZ	13.7141, 16.7698, 22.9361
YIQ	108.3430, -29.0670, -7.3630

Conversions

Conversions Part 2

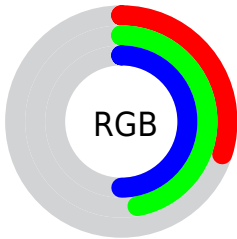
Format	Color
RYB	76, 100, 128
Decimal	5011840
CIELab	47.97, -13.48, -8.71
CIELCh	48, 16.048, 212.873
Yxy	16.7698, 0.2567, 0.3139
Android (android.graphics.Color)	4283201920 (0xFF4C7980)
YUV	108.3430, 9.6909, -28.3648
Hunter-Lab	40.9509, -11.8858, -4.5421

Details

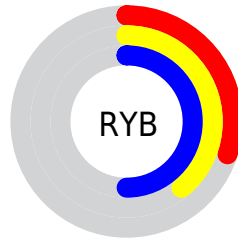
The Android color `4283201920` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286600012`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4286623157`, and `4279846991` is the 20% darker color. If you saturate the color by 10%, you get `4282349440`, and if you desaturate by 10%, it is `4284054400`.

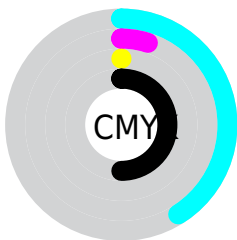
Distribution



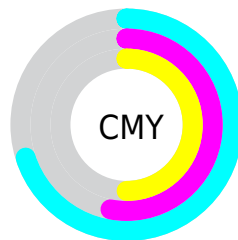
- Red (30%)
- Green (47%)
- Blue (50%)



- Red (30%)
- Yellow (39%)
- Blue (50%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283201920 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 4283201920 by changing the saturation by 10% instead.



4283201920



4283201920

4294967295



4281557095



4286623157



4279846991



4288334288



4278202936



4290176493



4278197539



4292018175



4278190093



4293853183



4278190080



4283201920



4283201920



4282349440



4284054400



4281497216



4284906624

■ 4280710272

■ 4285693568

■ 4279857792

■ 4286546048

■ 4279005312

■ 4287398528

■ 4278218624

■ 4288250752

■ 4289103232

■ 4289890176

■ 4290742656

Harmonies

Analogous

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



4283464307



4283201920



4283660169

Triad

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



4283201920



4286933630



4286280023

Complementary

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



4283201920



4286600012

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.



4287065434



4283201920



4287457393

Square

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



4283201920



4285951625



4287457636



4285298011

Rectangle

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



4283201920



4284380300



4287457636



4286541911

Sweetspot

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



4283201920



4287800230



4283203667



4282930004



4292138196



4283716692

Same Dimension

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



4283201920



4283800486



4283195264



4281941824



4278218368



4278190080

Inverse Universe

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



4286598265



4289090971



4286606668



4282399039



4286578798



4278190080

Previews

White Background



This preview shows how the Android color 4283201920 looks on a white background.

Color Contrast Check

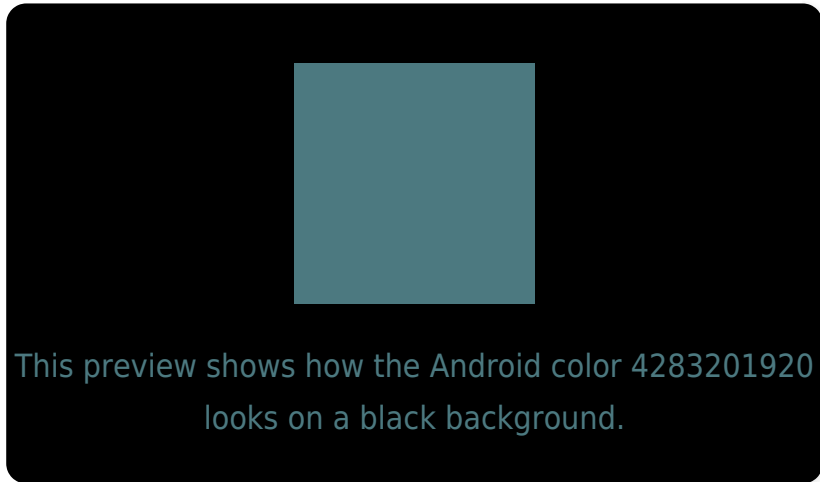
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4283201920 Background



This preview shows how black text looks on a background with the Android color 4283201920.

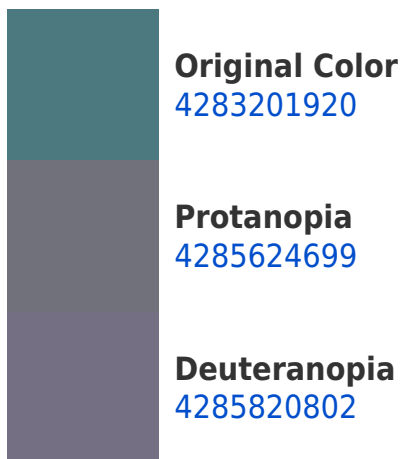


This preview shows how white text looks on a background with the Android color 4283201920.

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
4283201920

Protanomaly
4284773501

Deuteranomaly
4284838785

Tritanomaly
4283267457

Monochromacy



Original Color
4283201920

Achromatopsia
4285295724

Achromatomaly
4284510579

CSS Examples

Text

The CSS property to change the color of the text to Android 4283201920 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(76, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(76, 121, 128)  
}
```

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(76, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 121, 128) }
```

Border

The CSS property to change the border of an element to Android 4283201920 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(76, 121, 128) }
```

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

```
.border{ border-color:rgb(76, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(76, 121,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4283201920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 121, 128) }
```

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

```
.background{ background-color: rgb(76, 121,  
128) }
```

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