

Converting Colors

Android(4280518021)

Have a look what the booklet for
Android(4280518021) contains.

Android(4280518021)	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(4280518021)

Conversions

Conversions Part 1

Format	Color
Hex	238585
RGB	35, 133, 133
RGB Percent	14%, 52%, 52%
CMY	0.8627, 0.4784, 0.4784
CMYK	0.74, 0.00, 0.00, 0.48
HSL	180°, 58%, 33%
HSV	180°, 74%, 52%
XYZ	13.3143, 18.8258, 25.1223
YIQ	103.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

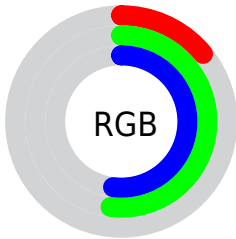
Format	Color
RYB	35, 84, 133
Decimal	2327941
CIELab	50.48, -26.89, -8.04
CIELCh	50, 28.066, 196.651
Yxy	18.8258, 0.2325, 0.3288
Android (android.graphics.Color)	4280518021 (0xFF238585)
YUV	103.6980, 14.4459, -60.2481
Hunter-Lab	43.3888, -21.1557, -3.9571

Details

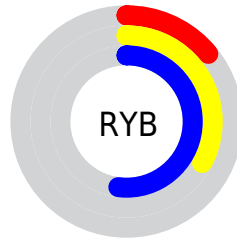
The Android color `4280518021` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4286915363`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284595130`, and `4278211412` is the 20% darker color. If you saturate the color by 10%, you get `4279666053`, and if you desaturate by 10%, it is `4281369989`.

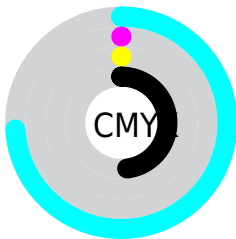
Distribution



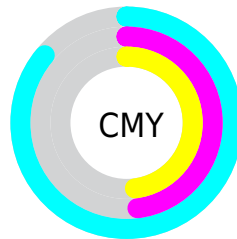
- Red (14%)
- Green (52%)
- Blue (52%)



- Red (14%)
- Yellow (33%)
- Blue (52%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (86%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280518021 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 4280518021 by changing the saturation by 10% instead.



4280518021



4280518021

4294967295



4278217580



4284595130



4278211412



4286437078



4278205245



4288345074



4278199591



4290183167



4278191123



4292083711



4278190080



4294049791



4280518021



4280518021



4279666053



4281369989

■ 4278748549

■ 4282287493

■ 4278224261

■ 4283139461

■ 4283991429

■ 4284908933

■ 4285760901

■ 4286612869

■ 4287464837

■ 4288382341

Harmonies

Analogous

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



4282549356



4280518021



4280320922

Triad

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



4280518021



4287393177



4287787850

Complementary

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



4280518021



4286915363

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.



4288768854



4280518021



4288702340

Square

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



4280518021



4285232806



4289160812



4286282570

Rectangle

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



4280518021



4281827491



4289160812



4288180301

Sweetspot

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



4280518021



4287081901



4280517923



4282406743



4292269782



4283914071

Same Dimension

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



4280518021



4279610797



4280505477



4282139202



4278223490



4278190851

Inverse Universe

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



4286915461



4289533357



4286927907



4282530882



4286709890



4278386691

Previews

White Background



This preview shows how the Android color 4280518021 looks on a white background.

Color Contrast Check

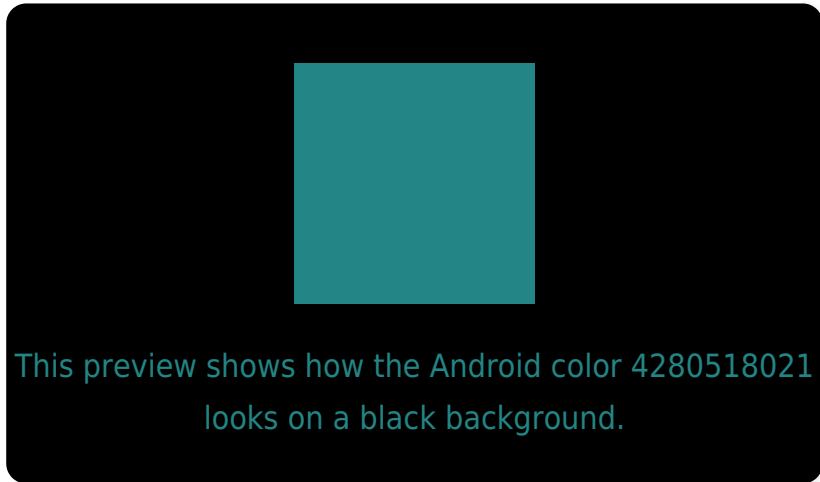
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280518021 Background



This preview shows how black text looks on a background with the Android color 4280518021.

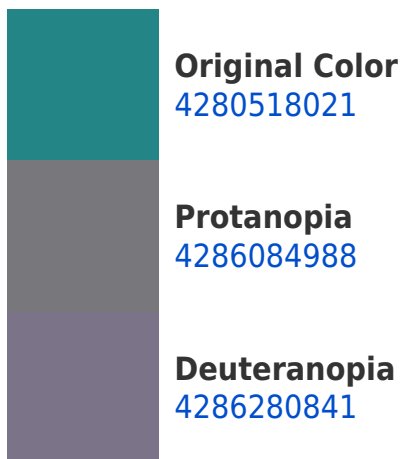


This preview shows how white text looks on a background with the Android color 4280518021.

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



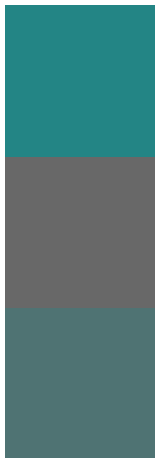
Original Color
4280518021

Protanomaly
4284054655

Deuteranomaly
4284185224

Tritanomaly
4280779915

Monochromacy



Original Color
4280518021

Achromatopsia
4285032552

Achromatomaly
4283396979

CSS Examples

Text

The CSS property to change the color of the text to Android 4280518021 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(35, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(35, 133, 133)  
}
```

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(35, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 133, 133) }
```

Border

The CSS property to change the border of an element to Android 4280518021 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(35, 133, 133) }
```

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

```
.border{ border-color:rgb(35, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(35, 133,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4280518021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 133, 133) }
```

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

```
.background{ background-color: rgb(35, 133,  
133) }
```

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