

Converting Colors

Android(4281702291)

Have a look what the booklet for
Android(4281702291) contains.

Android(4281702291)	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(4281702291)

Conversions

Conversions Part 1

Format	Color
Hex	359793
RGB	53, 151, 147
RGB Percent	21%, 59%, 58%
CMY	0.7922, 0.4078, 0.4235
CMYK	0.65, 0.00, 0.03, 0.41
HSL	178°, 48%, 40%
HSV	178°, 65%, 59%
XYZ	17.8013, 24.9967, 31.4904
YIQ	121.2420, -57.1240, -22.0200

Conversions

Conversions Part 2

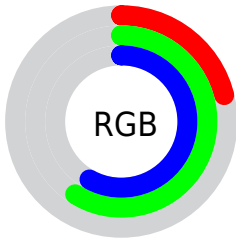
Format	Color
RYB	53, 103, 151
Decimal	3512211
CIELab	57.07, -28.90, -6.28
CIELCh	57, 29.569, 192.254
Yxy	24.9967, 0.2396, 0.3365
Android (android.graphics.Color)	4281702291 (0xFF359793)
YUV	121.2420, 12.6987, -59.8482
Hunter-Lab	49.9967, -23.9395, -2.3461

Details

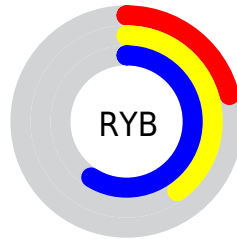
The Android color `4281702291` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288099641`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285583049`, and `4278215777` is the 20% darker color. If you saturate the color by 10%, you get `4280719250`, and if you desaturate by 10%, it is `4282685332`.

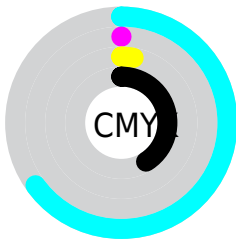
Distribution



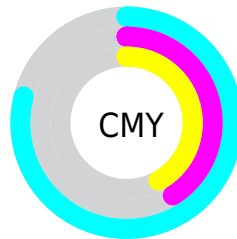
- Red (21%)
- Green (59%)
- Blue (58%)



- Red (21%)
- Yellow (40%)
- Blue (59%)



- Cyan (65%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (79%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281702291 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 4281702291 by changing the saturation by 10% instead.



4281702291



4281702291

4294967295



4278877561



4285583049



4278215777



4287490789



4278209353



4289331199



4278203442



4291231743



4278198557



4293197823



4278190083



4278190080



4281702291



4281702291



4280719250



4282685332

■ 4279736210

■ 4283668372

■ 4278753169

■ 4284651413

■ 4278228881

■ 4285634453

■ 4286683030

■ 4287666071

■ 4288649111

■ 4289632152

■ 4290615193

Harmonies

Analogous

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



4283733624



4281702291



4281111979

Triad

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



4281702291



4288315311



4289233496

Complementary

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



4281702291



4288099641

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.



4290280040



4281702291



4289886105

Square

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



4281702291



4285958331



4290540927



4287662934

Rectangle

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



4281702291



4282356406



4290540927



4289625948

Sweetspot

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



4281702291



4288660675



4282029877



4283261795



4293125091



4284703587

Same Dimension

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



4281702291



4281058494



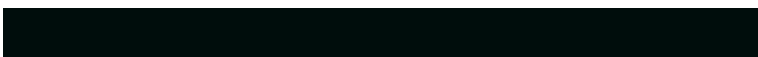
4281691031



4282731852



4278226055



4278193420

Inverse Universe

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



4288099641



4291046193



4288110901



4283254085



4287365126



4279042049

Previews

White Background



This preview shows how the Android color 4281702291 looks on a white background.

Color Contrast Check

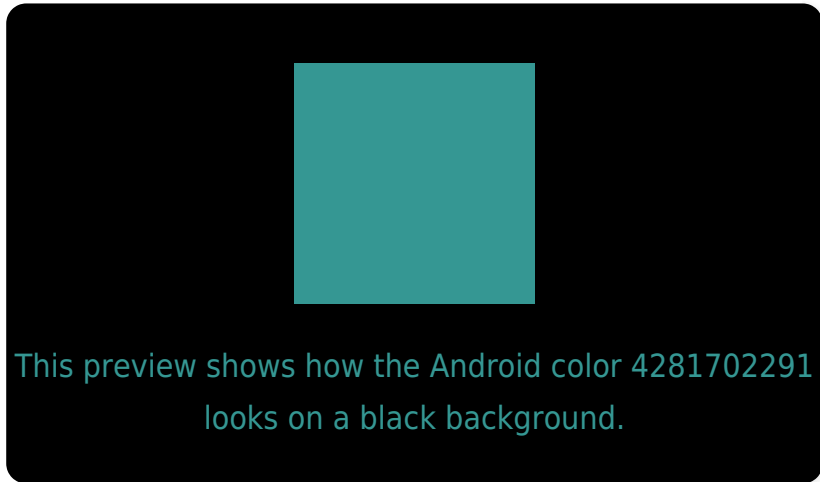
Large Text (above 18pt) WCAG AA ✓ Pass

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

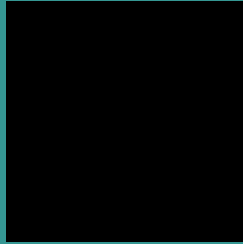
Any Text WCAG AA ✓ Pass

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 4281702291 Background



This preview shows how black text looks on a background with the Android color 4281702291.

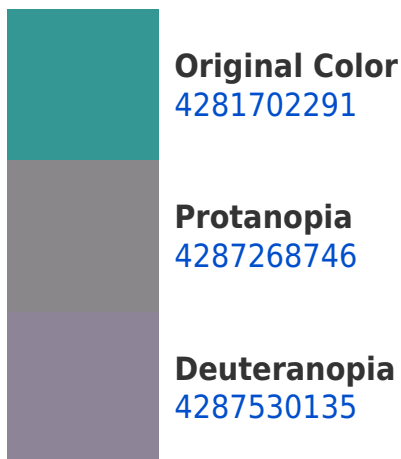


This preview shows how white text looks on a background with the Android color 4281702291.

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



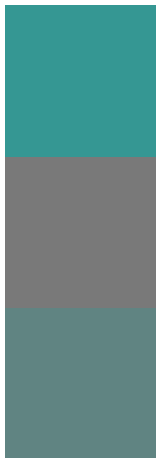
Original Color
4281702291

Protanomaly
4285238669

Deuteranomaly
4285434774

Tritanomaly
4281964188

Monochromacy



Original Color
4281702291

Achromatopsia
4286151033

Achromatomaly
4284515458

CSS Examples

Text

The CSS property to change the color of the text to Android 4281702291 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(53, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(53, 151, 147)  
}
```

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(53, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 151, 147) }
```

Border

The CSS property to change the border of an element to Android 4281702291 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(53, 151, 147) }
```

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

```
.border{ border-color:rgb(53, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(53, 151,  
147) }
```

Background

The CSS property to change the background color of an element to Android 4281702291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 151, 147) }
```

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

```
.background{ background-color: rgb(53, 151,  
147) }
```

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