

Converting Colors

Android(4278942981)

Have a look what the booklet for
Android(4278942981) contains.

Android(4278942981)	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(4278942981)

Conversions

Conversions Part 1

Format	Color
Hex	0B7D05
RGB	11, 125, 5
RGB Percent	4%, 49%, 2%
CMY	0.9569, 0.5098, 0.9804
CMYK	0.91, 0.00, 0.96, 0.51
HSL	117°, 92%, 25%
HSV	117°, 96%, 49%
XYZ	7.4990, 14.7493, 2.5952
YIQ	77.2340, -29.4240, -61.4880

Conversions

Conversions Part 2

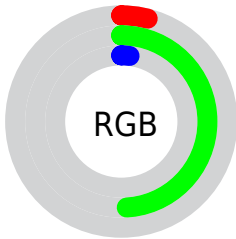
Format	Color
RYB	5, 125, 119
Decimal	752901
CIELab	45.29, -49.73, 48.11
CIELCh	45, 69.193, 135.945
Yxy	14.7493, 0.3018, 0.5937
Android (android.graphics.Color)	4278942981 (0xFF0B7D05)
YUV	77.2340, -35.6114, -58.0872
Hunter-Lab	38.4049, -32.3542, 22.8768

Details

The Android color **4278942981** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4285990269**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4283740993**, and **4278209024** is the 20% darker color. If you saturate the color by 10%, you get **4278615296**, and if you desaturate by 10%, it is **4279729425**.

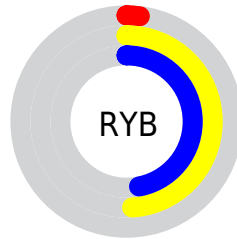
Distribution



Red (4%)

Green (49%)

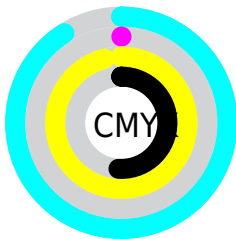
Blue (2%)



Red (2%)

Yellow (49%)

Blue (47%)

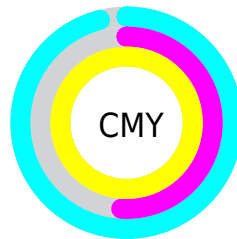


Cyan (91%)

Magenta (0%)

Yellow (96%)

Black (51%)



Cyan (96%)

Magenta (51%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278942981 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 4278942981 by changing the saturation by 10% instead.

 4278942981

 4278942981

4294967295

 4278215424

 4283740993

 4278209024

 4285583195

 4278203136

 4287490934

 4278196992

 4289396624

 4278190080

 4291297196

 4293197768

 4294967269

 4278942981

 4278942981

■ 4278615296

■ 4279729425

■ 4280515870

■ 4281302314

■ 4282023223

■ 4282809667

■ 4283596112

■ 4284382556

■ 4285169001

■ 4285955445

Harmonies

Analogous

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



4284903936



4278942981



4278223437

Triad

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



4278942981



4278221532



4291698511

Complementary

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



4278942981



4285990269

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.



4290979465



4278942981



4278216924

Square

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



4278942981



4278223550



4287777469



4290593046

Rectangle

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



4278942981



4278223990



4287777469



4291697250

Sweetspot

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



4278942981



4285965172



4286412549



4281750069



4291940817



4283585106

Same Dimension

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



4278942981



4278756096



4278549819



4282007609



4278616064



4278190080

Inverse Universe

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



4285990269



4288348323



4286383431



4282333504



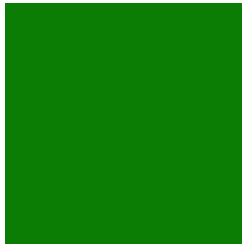
4286120064



4278190080

Previews

White Background



This preview shows how the Android color 4278942981 looks on a white background.

Color Contrast Check

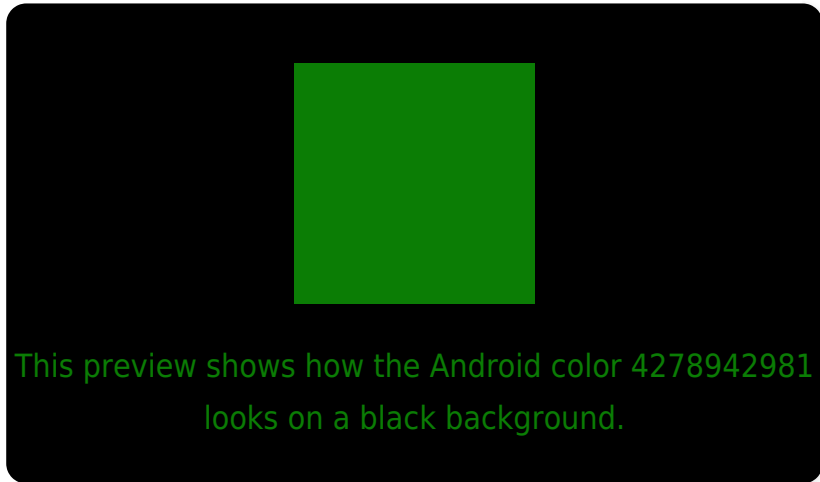
Large Text (above 18pt) WCAG AA ✓ Pass

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

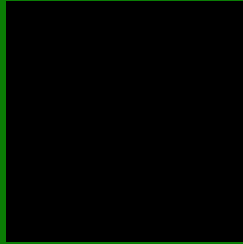
Any Text WCAG AA × Fail

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 4278942981 Background



This preview shows how black text looks on a background with the Android color 4278942981.



This preview shows how white text looks on a background with the Android color 4278942981.

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
4278942981

Protanopia
4286147328

Deuteranopia
4286997787



Tritanopia
4281693310

Trichromacy



Original Color
4278942981



Protanomaly
4283527682



Deuteranomaly
4284050963



Tritanomaly
4280710994

Monochromacy



Original Color
4278942981



Achromatopsia
4283256141



Achromatomaly
4281687603

CSS Examples

Text

The CSS property to change the color of the text to Android 4278942981 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(11, 125, 5)` looks like.

```
.text, #text, p{  
    color:rgb(11, 125, 5)  
}
```

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(11, 125, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 125, 5) }
```

Border

The CSS property to change the border of an element to Android 4278942981 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(11, 125, 5) }
```

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

```
.border{ border-color:rgb(11, 125, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 125, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 125, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 125, 5);  
box-shadow:4px 4px 4px 4px rgb(11, 125, 5)  
}
```

Background

The CSS property to change the background color of an element to Android 4278942981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 125, 5) }
```

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

```
.background{ background-color: rgb(11, 125,  
5) }
```

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