

Converting Colors

Android(4279246349)

Have a look what the booklet for
Android(4279246349) contains.

Android(4279246349)	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(4279246349)

Conversions

Conversions Part 1

Format	Color
Hex	101E0D
RGB	16, 30, 13
RGB Percent	6%, 12%, 5%
CMY	0.9373, 0.8824, 0.9490
CMYK	0.47, 0.00, 0.57, 0.88
HSL	109°, 40%, 8%
HSV	109°, 57%, 12%
XYZ	0.7506, 1.0678, 0.5473
YIQ	23.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

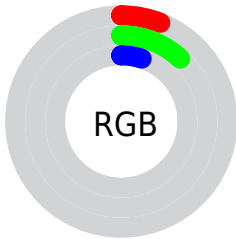
Format	Color
R_{YB}	13, 30, 27
Decimal	1056269
CIE _{Lab}	9.54, -10.39, 8.63
CIE _{LCh}	10, 13.503, 140.296
Y _{xy}	1.0678, 0.3173, 0.4514
Android (android.graphics.Color)	4279246349 (0xFF101E0D)
Y _{UV}	23.8760, -5.3619, -6.9073
Hunter-Lab	10.3333, -5.1170, 4.0930

Details

The Android color **4279246349** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279962910**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4282010168**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279115274**, and if you desaturate by 10%, it is **4279377424**.

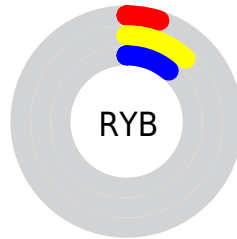
Distribution



Red (6%)

Green (12%)

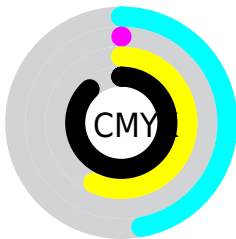
Blue (5%)



Red (5%)

Yellow (12%)

Blue (11%)

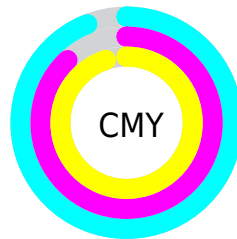


Cyan (47%)

Magenta (0%)

Yellow (57%)

Black (88%)



Cyan (94%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279246349 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 4279246349 by changing the saturation by 10% instead.

 4279246349

 4279246349

 4293984237

 4278190080

 4282010168

 4283523663

 4285102695

 4286813312

 4288524186

 4290300597

 4292077264

 4279246349

 4279246349

■ 4279115274

■ 4279377424

■ 4278918663

■ 4279574035

■ 4278787588

■ 4279705110

■ 4278590977

■ 4279901721

■ 4278525440

■ 4280032796

■ 4280229407

■ 4280360482

■ 4280557093

■ 4280688168

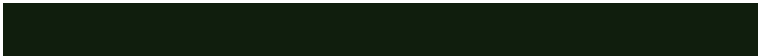
Harmonies

Analogous

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



4279966724



4279246349



4278329111

Triad

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



4279246349



4278590508



4281078549

Complementary

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



4279246349



4279962910

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.



4280947486



4279246349



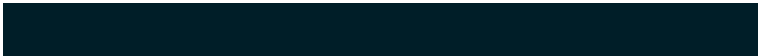
4279703852

Square

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



4279246349



4278197800



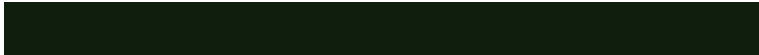
4280489510



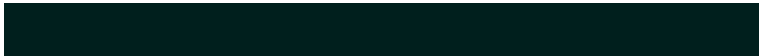
4280948234

Rectangle

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



4279246349



4278198045



4280489510



4281078552

Sweetspot

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



4279246349



4280362528



4280163085



4279309328



4287927444



4279505940

Same Dimension

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



4279246349



4279313932



4279049746



4279111438



4279127808



4280602368

Inverse Universe

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



4279962910



4280421414



4280159513



4279176719



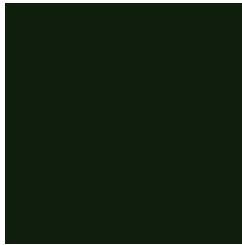
4282449999



4289331407

Previews

White Background



This preview shows how the Android color 4279246349 looks on a white background.

Color Contrast Check

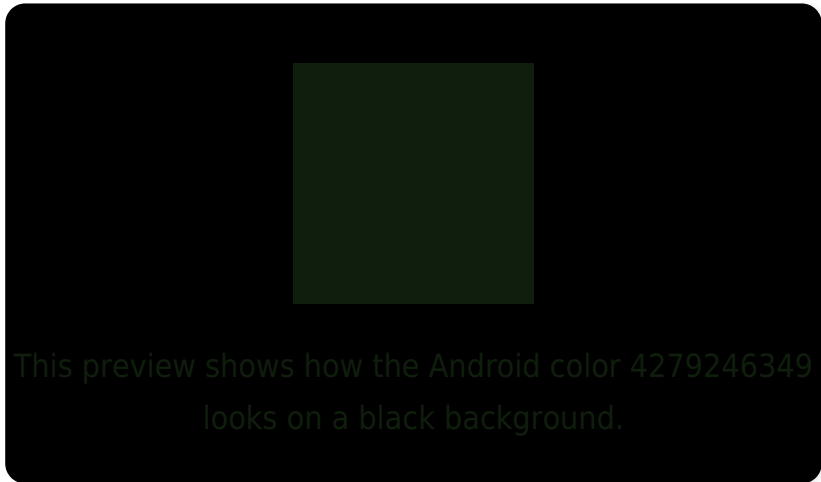
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

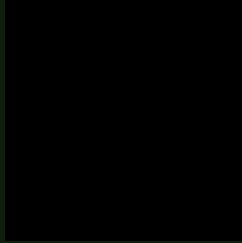
Any Text WCAG AA × Fail

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 4279246349 Background



This preview shows how black text looks on a background with the Android color 4279246349.

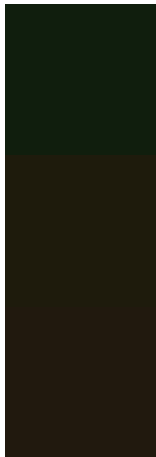


This preview shows how white text looks on a background with the Android color 4279246349.

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
4279246349

Protanopia
4280163084

Deuteranopia
4280359182

Trichromacy



Original Color

4279246349

Protanomaly

4279835660

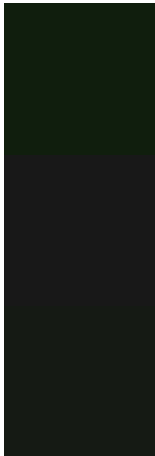
Deuteranomaly

4279966478

Tritanomaly

4279377176

Monochromacy



Original Color

4279246349

Achromatopsia

4279769112

Achromatomaly

4279573012

CSS Examples

Text

The CSS property to change the color of the text to Android 4279246349 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(16, 30, 13)` looks like.

```
.text, #text, p{  
    color:rgb(16, 30, 13)  
}
```

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(16, 30, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 30, 13) }
```

Border

The CSS property to change the border of an element to Android 4279246349 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(16, 30, 13) }
```

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

```
.border{ border-color:rgb(16, 30, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 30, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 30, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 30, 13);  
box-shadow:4px 4px 4px 4px rgb(16, 30, 13)  
}
```

Background

The CSS property to change the background color of an element to Android 4279246349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 30, 13) }
```

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

```
.background{ background-color: rgb(16, 30,  
13) }
```

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