

Converting Colors

Android(4279249930)

Have a look what the booklet for
Android(4279249930) contains.

Android(4279249930)	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(4279249930)

Conversions

Conversions Part 1

Format	Color
Hex	102C0A
RGB	16, 44, 10
RGB Percent	6%, 17%, 4%
CMY	0.9373, 0.8275, 0.9608
CMYK	0.64, 0.00, 0.77, 0.83
HSL	109°, 63%, 11%
HSV	109°, 77%, 17%
XYZ	1.1692, 1.9334, 0.5987
YIQ	31.7520, -5.7740, -16.5100

Conversions

Conversions Part 2

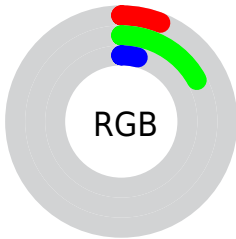
Format	Color
RYB	10, 44, 38
Decimal	1059850
CIELab	15.13, -18.78, 17.53
CIELCh	15, 25.688, 136.970
Yxy	1.9334, 0.3159, 0.5224
Android (android.graphics.Color)	4279249930 (0xFF102C0A)
YUV	31.7520, -10.7237, -13.8145
Hunter-Lab	13.9048, -9.3247, 7.1804

Details

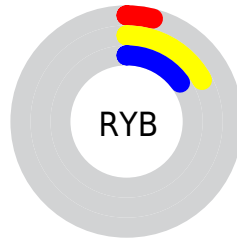
The Android color **4279249930** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280683052**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4282210870**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278987782**, and if you desaturate by 10%, it is **4279512078**.

Distribution



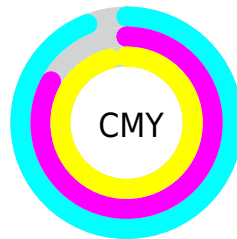
- Red (6%)
- Green (17%)
- Blue (4%)



- Red (4%)
- Yellow (17%)
- Blue (15%)



- Cyan (64%)
- Magenta (0%)
- Yellow (77%)
- Black (83%)



- Cyan (94%)
- Magenta (83%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279249930 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 4279249930 by changing the saturation by 10% instead.

 4279249930

 4279249930

 4294311915

 4278196480

 4282210870

 4278190080

 4283790157

 4285369445

 4287080318

 4288856728

 4290633395

 4292475855

 4279249930

 4279249930

■ 4278987782

■ 4279512078

■ 4278791169

■ 4279708691

■ 4278725632

■ 4279970839

■ 4280167452

■ 4280429600

■ 4280691748

■ 4280888361

■ 4281150509

■ 4281412658

Harmonies

Analogous

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



[4280756224](#)



[4279249930](#)



[4278201885](#)

Triad

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



4279249930



4278200905



4282848540

Complementary

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



4279249930



4280683052

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.



4282586415



4279249930



4279641161

Square

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



4279249930



4278201664



4281605183



4282522378

Rectangle

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



4279249930



4278201898



4281605183



4282782754

Sweetspot

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



4279249930



4281153579



4281083402



4279639060



4288453788



4280032284

Same Dimension

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



4279249930



4279056388



4278856725



4279572245



4279195392



4280735232

Inverse Universe

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



4280683052



4281271352



4281076257



4279702807



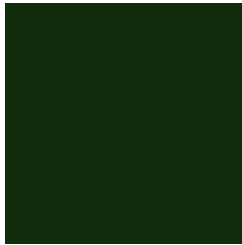
4282843223



4289724630

Previews

White Background



This preview shows how the Android color 4279249930 looks on a white background.

Color Contrast Check

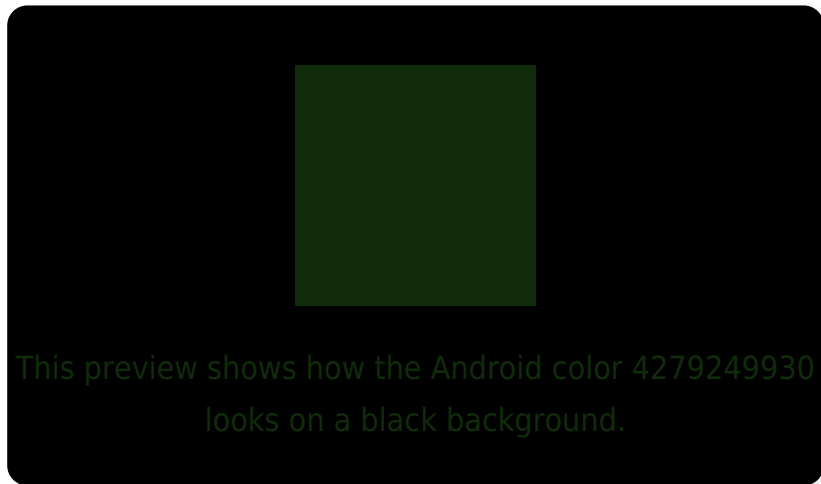
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279249930 Background



This preview shows how black text looks on a background with the Android color 4279249930.



This preview shows how white text looks on a background with the Android color 4279249930.

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
4279249930

Protanopia
4281017865

Deuteranopia
4281345037

Trichromacy



Original Color

4279249930

Protanomaly

4280363017

Deuteranomaly

4280559372

Tritanomaly

4279577120

Monochromacy



Original Color

4279249930

Achromatopsia

4280295456

Achromatomaly

4279903256

CSS Examples

Text

The CSS property to change the color of the text to Android 4279249930 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, 44, 10)` looks like.

```
.text, #text, p{  
    color:rgb(16, 44, 10)  
}
```

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, 44, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 44, 10) }
```

Border

The CSS property to change the border of an element to Android 4279249930 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, 44, 10) }
```

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

```
.border{ border-color:rgb(16, 44, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 44, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 44, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 44, 10);  
box-shadow:4px 4px 4px 4px rgb(16, 44, 10)  
}
```

Background

The CSS property to change the background color of an element to Android 4279249930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 44, 10) }
```

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

```
.background{ background-color: rgb(16, 44,  
10) }
```

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