

Converting Colors

Android(4279250432)

Have a look what the booklet for
Android(4279250432) contains.

Android(4279250432)	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(4279250432)

Conversions

Conversions Part 1

Format	Color
Hex	102E00
RGB	16, 46, 0
RGB Percent	6%, 18%, 0%
CMY	0.9373, 0.8196, 1.0000
CMYK	0.65, 0.00, 1.00, 0.82
HSL	99°, 100%, 9%
HSV	99°, 100%, 18%
XYZ	1.1907, 2.0641, 0.3357
YIQ	31.7860, -3.1140, -20.6660

Conversions

Conversions Part 2

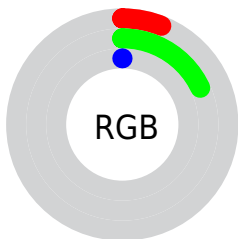
Format	Color
RYB	0, 46, 30
Decimal	1060352
CIELab	15.82, -21.03, 22.48
CIELCh	16, 30.782, 133.101
Yxy	2.0641, 0.3316, 0.5749
Android (android.graphics.Color)	4279250432 (0xFF102E00)
YUV	31.7860, -15.6705, -13.8443
Hunter-Lab	14.3671, -10.3493, 8.6718

Details

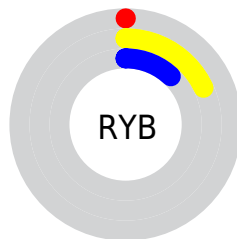
The Android color **4279250432** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280156206**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4282211375**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279250432**, and if you desaturate by 10%, it is **4279447045**.

Distribution



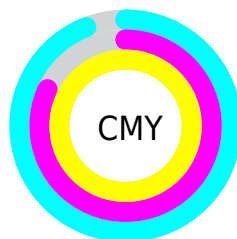
- Red (6%)
- Green (18%)
- Blue (0%)



- Red (0%)
- Yellow (18%)
- Blue (12%)



- Cyan (65%)
- Magenta (0%)
- Yellow (100%)
- Black (82%)



- Cyan (94%)
- Magenta (82%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279250432 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 4279250432 by changing the saturation by 10% instead.

 4279250432

 4279250432

 4294442979

 4278196992

 4282211375

 4278190080

 4283790662

 4285435742

 4287146359

 4288923025

 4290699691

 4292541895

 4279250432

■ 4279447045

■ 4279643657

■ 4279840270

■ 4280036882

■ 4280233495

■ 4280430108

■ 4280626720

■ 4280823333

■ 4281019945

Harmonies

Analogous

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



[4280887552](#)



[4279250432](#)



[4278202394](#)

Triad

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



4279250432



4278201681



4283305759

Complementary

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



4279250432



4280156206

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.



4282913333



4279250432



4278331218

Square

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



4279250432



4278202437



4281605448



4282980359

Rectangle

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



4279250432



4278202665



4281605448



4283240230

Sweetspot

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



4279250432



4281285417



4281212416



4279705364



4288585374



4280229663

Same Dimension

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



4279250432



4279515904



4278201863



4279572245



4280178432



4283160064

Inverse Universe

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



4280156206



4280680507



4281204775



4279637271



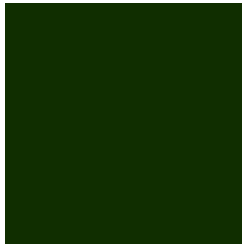
4281925719



4287365334

Previews

White Background



This preview shows how the Android color 4279250432 looks on a white background.

Color Contrast Check

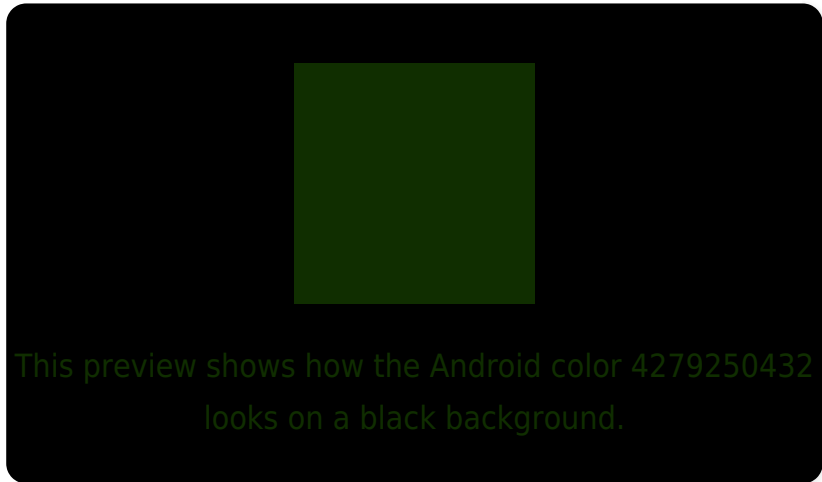
Large Text (above 18pt) WCAG AA ✓ Pass

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

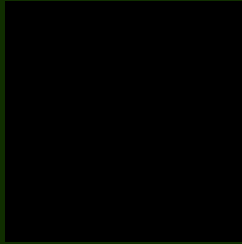
Any Text WCAG AA × Fail

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 4279250432 Background



This preview shows how black text looks on a background with the Android color 4279250432.



This preview shows how white text looks on a background with the Android color 4279250432.

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](#).

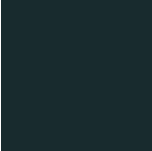
Dichromacy



Original Color
4279250432

Protanopia
4281149440

Deuteranopia
4281476618



Tritanopia
4279773998

Trichromacy



Original Color

4279250432

Protanomaly

4280429056

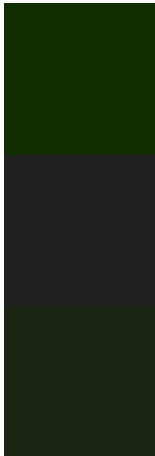
Deuteranomaly

4280690950

Tritanomaly

4279577629

Monochromacy



Original Color

4279250432

Achromatopsia

4280295456

Achromatomaly

4279903508

CSS Examples

Text

The CSS property to change the color of the text to Android 4279250432 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, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(16, 46, 0)  
}
```

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, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 46, 0) }
```

Border

The CSS property to change the border of an element to Android 4279250432 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, 46, 0) }
```

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

```
.border{ border-color:rgb(16, 46, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 46, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 46, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(16, 46, 0); box-shadow:4px  
4px 4px 4px rgb(16, 46, 0) }
```

Background

The CSS property to change the background color of an element to Android 4279250432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 46, 0) }
```

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

```
.background{ background-color: rgb(16, 46,  
0) }
```

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