

Converting Colors

Android(4279312920)

Have a look what the booklet for
Android(4279312920) contains.

Android(4279312920)	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(4279312920)

Conversions

Conversions Part 1

Format	Color
Hex	112218
RGB	17, 34, 24
RGB Percent	7%, 13%, 9%
CMY	0.9333, 0.8667, 0.9059
CMYK	0.50, 0.00, 0.29, 0.87
HSL	145°, 33%, 10%
HSV	145°, 50%, 13%
XYZ	0.9681, 1.3292, 1.0697
YIQ	27.7770, -6.9220, -6.7140

Conversions

Conversions Part 2

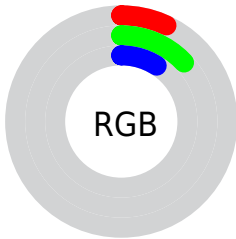
Format	Color
R_{YB}	17, 29, 34
Decimal	1122840
CIE _{Lab}	11.48, -10.06, 4.54
CIE _{LCh}	11, 11.035, 155.699
Yxy	1.3292, 0.2875, 0.3948
Android (android.graphics.Color)	4279312920 (0xFF112218)
YUV	27.7770, -1.8621, -9.4514
Hunter-Lab	11.5290, -5.1875, 2.5692

Details

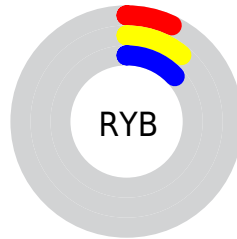
The Android color **4279312920** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4280422683**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4282142275**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279116310**, and if you desaturate by 10%, it is **4279509530**.

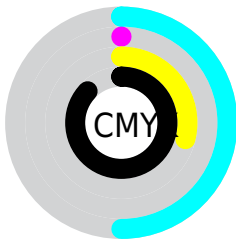
Distribution



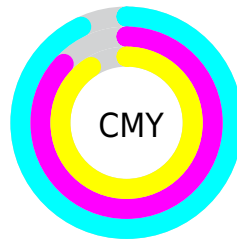
- Red (7%)
- Green (13%)
- Blue (9%)



- Red (7%)
- Yellow (11%)
- Blue (13%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (87%)



- Cyan (93%)
- Magenta (87%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279312920 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 4279312920 by changing the saturation by 10% instead.

■ 4279312920

■ 4279312920

■ 4294115322

■ 4278192640

■ 4282142275

■ 4278190080

■ 4283655770

■ 4285235059

■ 4286945676

■ 4288656550

■ 4290433218

■ 4292275422

■ 4279312920

■ 4279312920

■ 4279116310

■ 4279509530

■ 4278854164

■ 4279771676

■ 4278657554

■ 4279968286

■ 4278395408

■ 4280230432

■ 4278198798

■ 4280427042

■ 4280623652

■ 4280885798

■ 4281082408

■ 4281344554

Harmonies

Analogous

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



4279902482



4279312920



4278723360

Triad

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



4279312920



4279639853



4281145878

Complementary

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



4279312920



4280422683

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.



4281145629



4279312920



4280359979

Square

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



4279312920



4278853932



4280883749



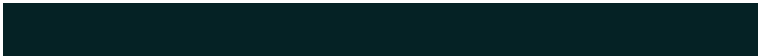
4280884240

Rectangle

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



4279312920



4278526501



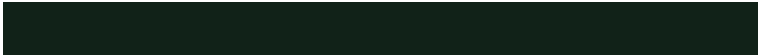
4280883749



4281145624

Sweetspot

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



4279312920



4280625960



4279968273



4279441173



4288059030



4279703319

Same Dimension

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



4279312920



4279315228



4279312928



4279243281



4278211106



4278243670

Inverse Universe

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



4280422683



4281012513



4280422675



4279373841



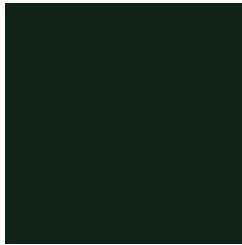
4283564080



4291887227

Previews

White Background



This preview shows how the Android color 4279312920 looks on a white background.

Color Contrast Check

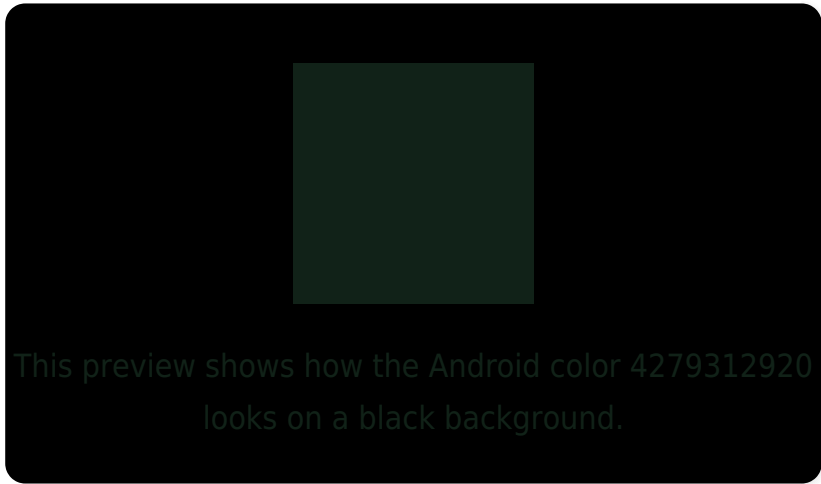
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279312920 Background



This preview shows how black text looks on a background with the Android color 4279312920.



This preview shows how white text looks on a background with the Android color 4279312920.

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
4279312920

Protanopia
4280360470

Deuteranopia
4280491289

Trichromacy



Original Color

4279312920

Protanomaly

4279967511

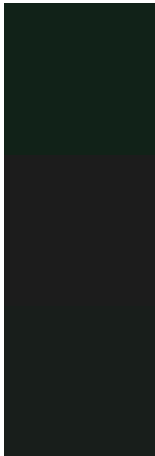
Deuteranomaly

4280033049

Tritanomaly

4279443743

Monochromacy



Original Color

4279312920

Achromatopsia

4280032284

Achromatomaly

4279770651

CSS Examples

Text

The CSS property to change the color of the text to Android 4279312920 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(17, 34, 24)` looks like.

```
.text, #text, p{  
    color:rgb(17, 34, 24)  
}
```

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(17, 34, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 34, 24) }
```

Border

The CSS property to change the border of an element to Android 4279312920 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(17, 34, 24) }
```

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

```
.border{ border-color:rgb(17, 34, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 34, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 34, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 34, 24);  
box-shadow:4px 4px 4px 4px rgb(17, 34, 24)  
}
```

Background

The CSS property to change the background color of an element to Android 4279312920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 34, 24) }
```

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

```
.background{ background-color: rgb(17, 34,  
24) }
```

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