Converting Colors

Android(4278219520)

Have a look what the booklet for Android(4278219520) contains.

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Color

Android(4278219520)

Conversions

Conversions Part 1

Format	Color
Hex	007300
RGB	0, 115, 0
RGB Percent	0%, 45%, 0%
CMY	1.0000, 0.5490, 1.0000
CMYK	1.00, 0.00, 1.00, 0.55
HSL	120°, 100%, 23%
HSV	120°, 100%, 45%
XYZ	6.1307, 12.2615, 2.0436
YIQ	67.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

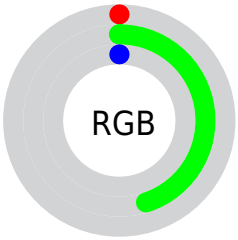
Format	Color
RYB	0, 115, 115
Decimal	29440
CIELab	41.63, -47.88, 46.21
CIELCh	42, 66.540, 136.016
Yxy	12.2615, 0.3000, 0.6000
Android (android.graphics.Color)	4278219520 (0xFF007300)
YUV	67.5050, -33.2800, -59.2019
Hunter-Lab	35.0164, -30.0265, 21.0513

Details

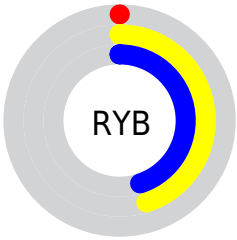
The Android color 4278219520 is a dark color, and the websafe version is hex 006600. A complement of this color would be 4285726835, and the grayscale version is 4282664004.

A 20% lighter version of the original color is 4283279420, and 4278206720 is the 20% darker color. If you saturate the color by 10%, you get 4278219520, and if you desaturate by 10%, it is 4278940427.

Distribution

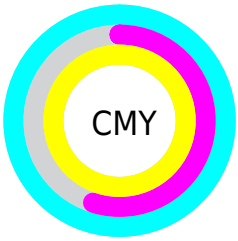


- Red (0%)
- Green (45%)
- Blue (0%)



- Red (0%)
- Yellow (45%)
- Blue (45%)

- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278219520 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 4278219520 by changing the saturation by 10% instead.

4278219520

4294967291

4283279420

4285187158

4287029360

4288871819

4290772902

4292673474

4294639582

4278219520

4278219520

4278213120

4278206720

4278201344

4278192896

4278190080

4278219520

4278940427

4279726871

4280513315

4281234222

4282020666

4282741573

4283528017

4284248924

4285035368

Harmonies

Analogous

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

4284311808

4278219520

4278220870

Triad

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

4278219520

4278218958

4290778952

Complementary

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

4278219520

4285726835

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.

4290059902

4278219520

4278214605

Square

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

4278219520

4278220977

4287054767

4289739281

Rectangle

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

4278219520

4278221164

4287054767

4290777178

Sweetspot

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

4278219520

4285109865

4285756160

4281421105

4291611852

4283256141

Same Dimension

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

4278219520

4278228480

4278219578

4281678645

4278221312

4278254080

Inverse Universe

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

4285726835

4288020630

4285726778

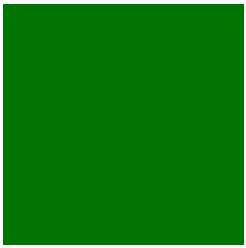
4282070331

4286185594

4294574330

Previews

White Background

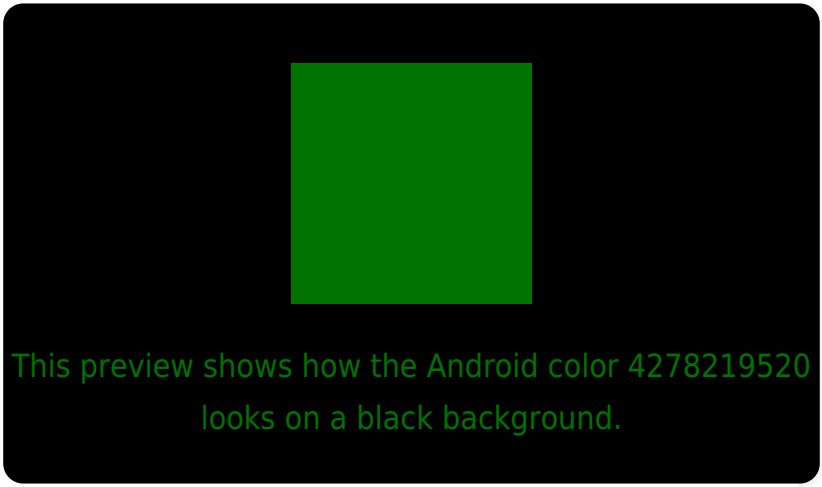


This preview shows how the Android color 4278219520 looks on a white background.

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 4278219520 Background

This preview shows how black text looks on a background with the Android color 4278219520.

This preview shows how white text looks on a background with the Android color 4278219520.

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
4278219520

Protanopia
4285489664

Deuteranopia
4286274841

Tritanopia
4281363316

Trichromacy

Original Color
4278219520

Protanomaly
4282869760

Deuteranomaly
4283327760

Tritanomaly
4280249930

Monochromacy

Original Color
4278219520

Achromatopsia
4282664004

Achromatomaly
4281029931

CSS Examples

Text

The CSS property to change the color of the text to Android 4278219520 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(0, 115, 0) looks like.

```
.text, #text, p{
    color:rgb(0, 115, 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(0, 115, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 0) }
```

Border

The CSS property to change the border of an element to Android 4278219520 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(0, 115, 0) }
```

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

```
.border{ border-color:rgb(0, 115, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 115, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 115, 0); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 115, 0); box-shadow:4px 4px 4px 4px rgb(0, 115, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278219520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(0, 115, 0) }
```

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

```
.background{ background-color:rgb(0, 115, 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.

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