

Converting Colors

Android(4278216727)

Have a look what the booklet for
Android(4278216727) contains.

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Color

Android(4278216727)

Conversions

Conversions Part 1

Format	Color
Hex	006817
RGB	0, 104, 23
RGB Percent	0%, 41%, 9%
CMY	1.0000, 0.5922, 0.9098
CMYK	1.00, 0.00, 0.78, 0.59
HSL	133°, 100%, 20%
HSV	133°, 100%, 41%
XYZ	5.1050, 9.9625, 2.4645
YIQ	63.6700, -35.9830, -47.2390

Conversions

Conversions Part 2

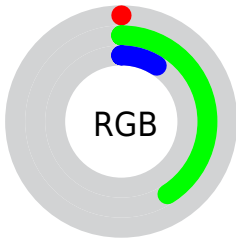
Format	Color
RYB	0, 85, 104
Decimal	26647
CIELab	37.78, -43.14, 36.14
CIELCh	38, 56.278, 140.045
Yxy	9.9625, 0.2912, 0.5682
Android (android.graphics.Color)	4278216727 (0xFF006817)
YUV	63.6700, -20.0503, -55.8386
Hunter-Lab	31.5634, -26.3659, 17.4650

Details

The Android color **4278216727** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4285005905**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4282948680**, and **4278204160** is the 20% darker color. If you saturate the color by 10%, you get **4278216727**, and if you desaturate by 10%, it is **4278872095**.

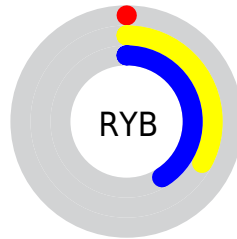
Distribution



Red (0%)

Green (41%)

Blue (9%)



Red (0%)

Yellow (33%)

Blue (41%)

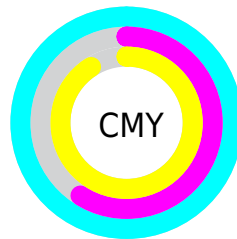


Cyan (100%)

Magenta (0%)

Yellow (78%)

Black (59%)



Cyan (100%)

Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216727 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 4278216727 by changing the saturation by 10% instead.

 4278216727

 4278216727

4294967295

 4278210304

 4282948680

 4278204160

 4284790881

 4278198784

 4286567547

 4278190080

 4288409749

 4290248624

 4292149196

 4294115304


 4278216727

 4278872095

 4279592999

 4280248367

 4280969271

 4281624640

 4282280008

 4283000912

 4283656280

 4284377184

Harmonies

Analogous

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



4283392000



4278216727



4278217800

Triad

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



4278216727



4278215603



4289144381

Complementary

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



4278216727



4285005905

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.



4288750954



4278216727



4281226415

Square

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



4278216727



4278217630



4286528660



4288166928

Rectangle

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



4278216727



4278218088



4286528660



4289208652

Sweetspot

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



4278216727



4284450664



4283525120



4281091378



4291085508



4282729797

Same Dimension

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



4278216727



4278224670



4278216779



4281217839



4278219545



4278252086

Inverse Universe

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



4285005905



4287037545



4285005853



4281544242



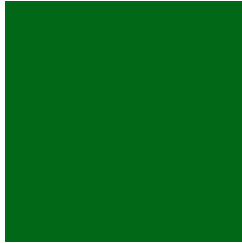
4285726809



4294049981

Previews

White Background



This preview shows how the Android color 4278216727 looks on a white background.

Color Contrast Check

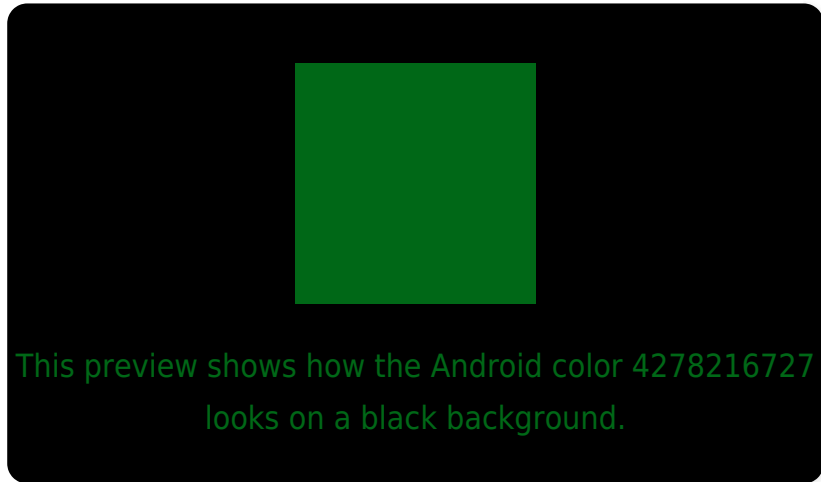
Large Text (above 18pt) WCAG AA ✓ Pass

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

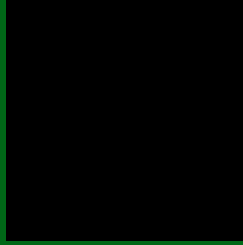
Any Text WCAG AA × Fail

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 4278216727 Background



This preview shows how black text looks on a background with the Android color 4278216727.



This preview shows how white text looks on a background with the Android color 4278216727.

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
4278216727

Protanopia
4284766483

Deuteranopia
4285486112

Trichromacy



Original Color

4278216727



Protanomaly

4282408468



Deuteranomaly

4282866461



Tritanomaly

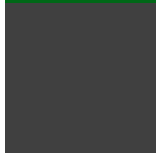
4279985227

Monochromacy



Original Color

4278216727



Achromatopsia

4282400832



Achromatomaly

4280897329

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216727 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, 104, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 23)  
}
```

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, 104, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 23) }
```

Border

The CSS property to change the border of an element to Android 4278216727 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, 104, 23) }
```

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

```
.border{ border-color:rgb(0, 104, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 23);  
box-shadow:4px 4px 4px 4px rgb(0, 104, 23)  
}
```

Background

The CSS property to change the background color of an element to Android 4278216727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 23) }
```

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

```
.background{ background-color: rgb(0, 104,  
23) }
```

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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