

# Converting Colors

Android(4278226483)

Have a look what the booklet for  
Android(4278226483) contains.

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# Color

**Android(4278226483)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008E33
RGB	0, 142, 51
RGB Percent	0%, 56%, 20%
CMY	1.0000, 0.4431, 0.8000
CMYK	1.00, 0.00, 0.64, 0.44
HSL	142°, 100%, 28%
HSV	142°, 100%, 56%
XYZ	10.2705, 19.5850, 6.3709
YIQ	89.1680, -55.4210, -58.4050

# Conversions

## Conversions Part 2

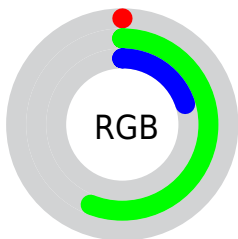
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 142
Decimal	36403
CIELab	51.36, -52.21, 38.50
CIELCh	51, 64.873, 143.595
Yxy	19.5850, 0.2835, 0.5406
Android (android.graphics.Color)	4278226483 (0xFF008E33)
YUV	89.1680, -18.8168, -78.2003
Hunter-Lab	44.2550, -36.0205, 22.4431

# Details

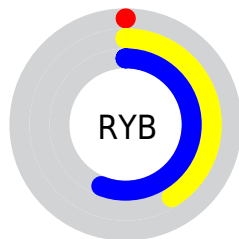
The Android color `4278226483` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4287496283`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4283745637`, and `4278213120` is the 20% darker color. If you saturate the color by 10%, you get `4278226483`, and if you desaturate by 10%, it is `4279143996`.

# Distribution



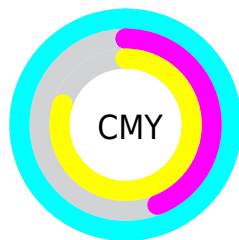
- Red (0%)
- Green (56%)
- Blue (20%)



- Red (0%)
- Yellow (41%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278226483 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 4278226483 by changing the saturation by 10% instead.



 4278226483

 4278226483

4294967295

 4278219802

 4283745637

 4278213120

 4285718911

 4278206720

 4287626906

 4278201088

 4289527733

 4278192384

 4291428305

 4278190080

 4293394413

 4278226483

 4279143996

 4280061509

 4281044558

 4281962071

 4282879585

 4283797098

 4284714611

 4285697660

 4286615173

# Harmonies

## Analogous

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



4285105152



4278226483



4278227820

# Triad

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



4278226483



4278224361



4292494162

# Complementary

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



4278226483



4287496283

# 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.



4292230793



4278226483



4284379617

# Square

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



4278226483



4278226899



4289812157



4291124254

# Rectangle

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



4278226483



4278227859



4289812157



4292623972



# Sweetspot

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



4278226483



4286691476



4284255744



4282080327



4292598747



4284243036



# Same Dimension

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



4278226483



4278237250



4278226553



4282402627



4278224689



4278192131



# Inverse Universe

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



4287496283



4290248822



4287496213



4282859589



4287037527



4278714373



# Previews

## White Background



This preview shows how the Android color 4278226483 looks on a white background.

## Color Contrast Check

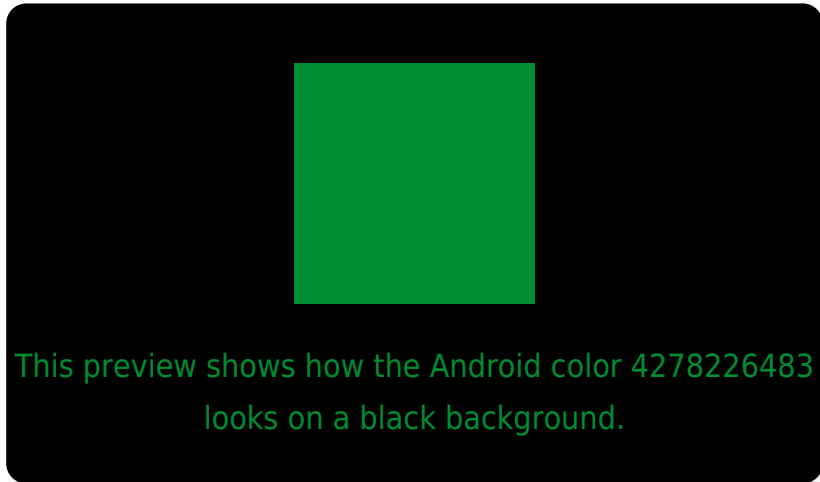
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278226483 Background



This preview shows how black text looks on a background with the Android color 4278226483.



This preview shows how white text looks on a background with the Android color 4278226483.

# 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**  
4278226483

**Protanopia**  
4287134253

**Deuteranopia**  
4288050235



# Trichromacy



**Original Color**

4278226483



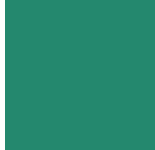
**Protanomaly**

4283924783



**Deuteranomaly**

4284448056



**Tritanomaly**

4280584302

# Monochromacy



**Original Color**

4278226483



**Achromatopsia**

4284045657



**Achromatomaly**

4281953355

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278226483 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, 142, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 51)  
}
```

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, 142, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 51) }
```

## Border

The CSS property to change the border of an element to Android 4278226483 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, 142, 51) }
```

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

```
.border{ border-color:rgb(0, 142, 51) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 51);  
box-shadow:4px 4px 4px 4px rgb(0, 142, 51)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278226483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 51) }
```

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

```
.background{ background-color: rgb(0, 142,  
51) }
```

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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