

# Converting Colors

Android(4280592726)

Have a look what the booklet for  
Android(4280592726) contains.

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# Color

**Android(4280592726)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	24A956
RGB	36, 169, 86
RGB Percent	14%, 66%, 34%
CMY	0.8588, 0.3373, 0.6627
CMYK	0.79, 0.00, 0.49, 0.34
HSL	143°, 65%, 40%
HSV	143°, 79%, 66%
XYZ	16.5952, 29.4229, 13.6086
YIQ	119.7710, -52.6250, -54.0090

# Conversions

## Conversions Part 2

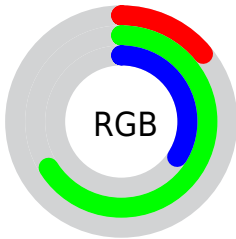
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 133, 169
Decimal	2402646
CIELab	61.15, -53.10, 33.03
CIELCh	61, 62.531, 148.118
Yxy	29.4229, 0.2783, 0.4935
Android (android.graphics.Color)	4280592726 (0xFF24A956)
YUV	119.7710, -16.6491, -73.4672
Hunter-Lab	54.2429, -40.3142, 23.0951

# Details

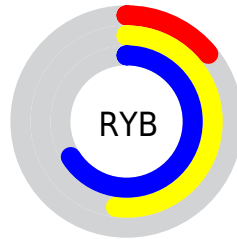
The Android color `4280592726` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289274999`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4284998025`, and `4278219558` is the 20% darker color. If you saturate the color by 10%, you get `4279478603`, and if you desaturate by 10%, it is `4281706849`.

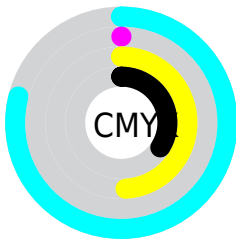
# Distribution



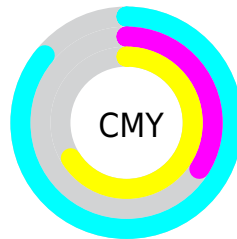
- Red (14%)
- Green (66%)
- Blue (34%)



- Red (14%)
- Yellow (52%)
- Blue (66%)



- Cyan (79%)
- Magenta (0%)
- Yellow (49%)
- Black (34%)



- Cyan (86%)
- Magenta (34%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280592726 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 4280592726 by changing the saturation by 10% instead.





4280592726



4280592726

4294967295



4278226494



4284998025



4278219558



4286971556



4278213133



4288872383



4278206720



4290838491



4278201088



4292739064



4278192128



4294770687



4278190080



4280592726



4280592726



4279478603



4281706849

■ 4278364481

■ 4282820971

■ 4278233408

■ 4283935094

■ 4285049216

■ 4286163339

■ 4287211925

■ 4288326048

■ 4289440170

■ 4290554293

# Harmonies

## Analogous

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



4286357542



4280592726



4278234510

# Triad

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



4280592726



4278230015



4294206819

# Complementary

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



4280592726



4289274999

# 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.



4294139545



4280592726



4287465206

# Square

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



4280592726



4278233329



4292046543



4292639284

# Rectangle

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



4280592726



4278234804



4292046543



4294402164



# Sweetspot

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



4280592726



4289190842



4286097700



4283330138



4293783021



4285427310



# Same Dimension

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



4280592726



4279098203



4280592791



4283192399



4278228024



4278195208



# Inverse Universe

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



4289274999



4292545934



4289274934



4283714641



4287889500



4279500813



# Previews

## White Background



This preview shows how the Android color 4280592726 looks on a white background.

## Color Contrast Check

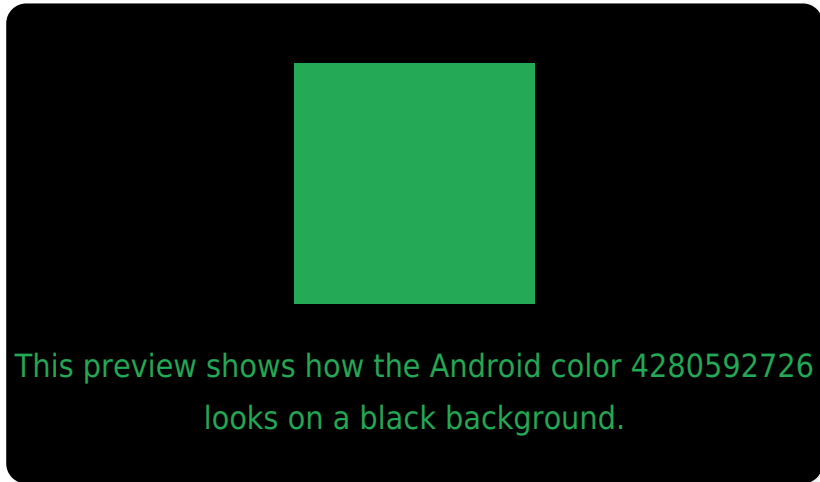
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280592726 Background



This preview shows how black text looks on a background with the Android color 4280592726.



This preview shows how white text looks on a background with the Android color 4280592726.

# 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





# Trichromacy



**Original Color**

4280592726



**Protanomaly**

4285832017



**Deuteranomaly**

4286486362



**Tritanomaly**

4282098573

# Monochromacy



**Original Color**

4280592726



**Achromatopsia**

4286085240



**Achromatomaly**

4284058220

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280592726 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(36, 169, 86)` looks like.

```
.text, #text, p{  
    color:rgb(36, 169, 86)  
}
```

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(36, 169, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 169, 86) }
```

## Border

The CSS property to change the border of an element to Android 4280592726 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(36, 169, 86) }
```

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

```
.border{ border-color:rgb(36, 169, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 169, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 169, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 169, 86);  
box-shadow:4px 4px 4px 4px rgb(36, 169,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4280592726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 169, 86) }
```

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

```
.background{ background-color: rgb(36, 169,  
86) }
```

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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