

# Converting Colors

Android(4280723045)

Have a look what the booklet for  
Android(4280723045) contains.

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# Color

**Android(4280723045)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26A665
RGB	38, 166, 101
RGB Percent	15%, 65%, 40%
CMY	0.8510, 0.3490, 0.6039
CMYK	0.77, 0.00, 0.39, 0.35
HSL	150°, 63%, 40%
HSV	150°, 77%, 65%
XYZ	16.7845, 28.6241, 16.9523
YIQ	120.3180, -55.4230, -47.3510

# Conversions

## Conversions Part 2

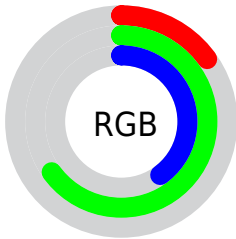
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 124, 166
Decimal	2532965
CIE <sub>Lab</sub>	60.45, -49.00, 24.21
CIE <sub>LCh</sub>	60, 54.658, 153.704
Yxy	28.6241, 0.2692, 0.4590
Android (android.graphics.Color)	4280723045 (0xFF26A665)
YUV	120.3180, -9.5238, -72.1929
Hunter-Lab	53.5015, -37.6285, 18.6646

# Details

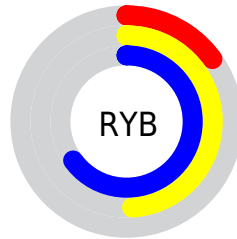
The Android color `4280723045` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289078887`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285062808`, and `4278219061` is the 20% darker color. If you saturate the color by 10%, you get `4279608925`, and if you desaturate by 10%, it is `4281837165`.

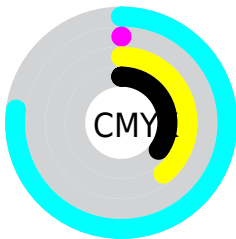
# Distribution



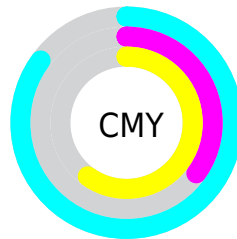
- Red (15%)
- Green (65%)
- Blue (40%)



- Red (15%)
- Yellow (49%)
- Blue (65%)



- Cyan (77%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280723045 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 4280723045 by changing the saturation by 10% instead.





4280723045



4280723045

4294967295



4278225741



4285062808



4278219061



4286970803



4278212383



4288872399



4278206216



4290772971



4278200576



4292739071



4278190848



4294705151



4278190080



4280723045



4280723045



4279608925



4281837165

■ 4278560340

■ 4282885750

■ 4278232658

■ 4283999870

■ 4285048455

■ 4286162575

■ 4287276696

■ 4288325280

■ 4289439400

■ 4290487985

# Harmonies

## Analogous

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



4285832764



4280723045



4278233494

# Triad

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



4280723045



4281439730



4293291359

# Complementary

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



4280723045



4289078887

# 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.



4293485966



4280723045



4288381922

# Square

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



4280723045



4278231784



4291915709



4291657786

# Rectangle

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



4280723045



4278233527



4291915709



4293486958



# Sweetspot

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



4280723045



4289190335



4285048358



4283395678



4293783021



4285427310



# Same Dimension

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



4280723045



4279228786



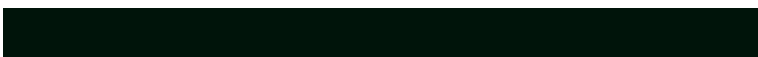
4280723108



4283192400



4278228041



4278195210



# Inverse Universe

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



4289078887



4292415350



4289078824



4283714640



4287889483



4279500810



# Previews

## White Background



This preview shows how the Android color 4280723045 looks on a white background.

## Color Contrast Check

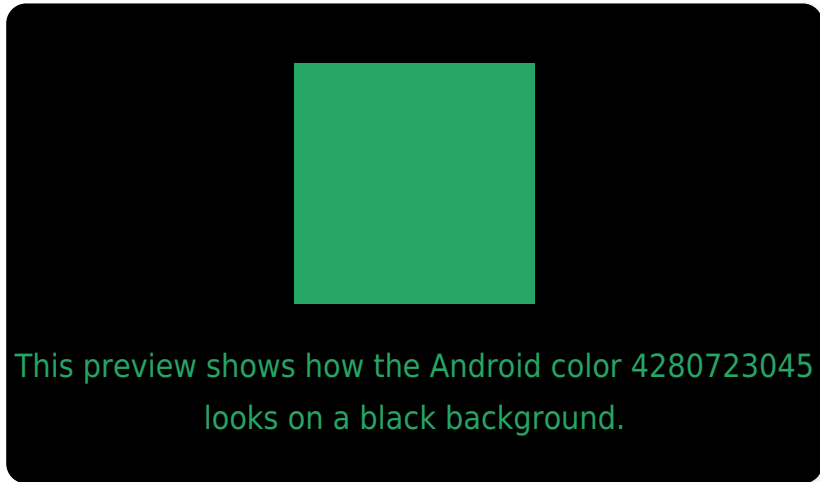
Large Text (above 18pt) WCAG AA ✓ Pass

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

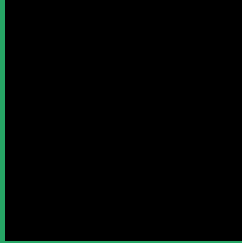
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280723045 Background



This preview shows how black text looks on a background with the Android color 4280723045.



This preview shows how white text looks on a background with the Android color 4280723045.

# 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**

4280723045



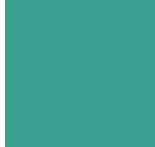
**Protanomaly**

4285700447



**Deuteranomaly**

4286289257



**Tritanomaly**

4282032529

# Monochromacy



**Original Color**

4280723045



**Achromatopsia**

4286085240



**Achromatomaly**

4284123505

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280723045 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(38, 166, 101)` looks like.

```
.text, #text, p{  
    color:rgb(38, 166, 101)  
}
```

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(38, 166, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 166, 101) }
```

## Border

The CSS property to change the border of an element to Android 4280723045 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(38, 166, 101) }
```

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

```
.border{ border-color:rgb(38, 166, 101) }
```

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

Here you see how a box with a 4 pixel rgb(38, 166, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 166, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 166, 101);  
box-shadow:4px 4px 4px 4px rgb(38, 166,  
101) }
```

# Background

The CSS property to change the background color of an element to Android 4280723045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 166, 101) }
```

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

```
.background{ background-color: rgb(38, 166,  
101) }
```

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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