

# Converting Colors

Android(4280734784)

Have a look what the booklet for  
Android(4280734784) contains.

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**Color**

**Android(4280734784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26D440
RGB	38, 212, 64
RGB Percent	15%, 83%, 25%
CMY	0.8510, 0.1686, 0.7490
CMYK	0.82, 0.00, 0.70, 0.17
HSL	129°, 70%, 49%
HSV	129°, 82%, 83%
XYZ	25.2682, 47.8692, 12.7584
YIQ	143.1020, -56.1960, -82.9160

# Conversions

## Conversions Part 2

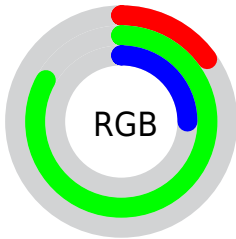
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	38, 189, 212
Decimal	2544704
CIE Lab	74.74, -69.63, 58.58
CIE LCh	75, 90.997, 139.924
Yxy	47.8692, 0.2942, 0.5573
Android (android.graphics.Color)	4280734784 (0xFF26D440)
YUV	143.1020, -38.9973, -92.1745
Hunter-Lab	69.1876, -55.8877, 37.4980

# Details

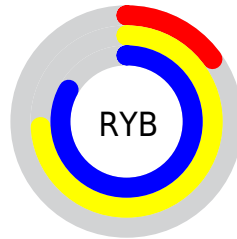
The Android color `4280734784` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292093626`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4285857655`, and `4278230016` is the 20% darker color. If you saturate the color by 10%, you get `4279358510`, and if you desaturate by 10%, it is `4282111058`.

# Distribution



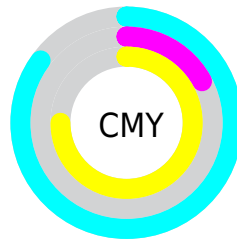
- Red (15%)
- Green (83%)
- Blue (25%)



- Red (15%)
- Yellow (74%)
- Blue (83%)



- Cyan (82%)
- Magenta (0%)
- Yellow (70%)
- Black (17%)



- Cyan (85%)
- Magenta (17%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280734784 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 4280734784 by changing the saturation by 10% instead.



 4280734784

 4280734784

4294967295

 4278237218

 4285857655

 4278230016

 4287954835

 4278222848

 4289986479

 4278216192

 4292018123

 4278209536

 4294049768

 4278203392

 4278196480

 4278190080

 4280734784

 4280734784

 4279358510

 4282111058

 4278244384

 4283487332

 4284929142

 4286305416

 4287681690

 4289057964

 4290434238

 4291876048

 4293252322

# Harmonies

## Analogous

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



4289250560



4280734784



4278246296

# Triad

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



4280734784



4278242047



4294925956

# Complementary

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



4280734784



4292093626

# 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.



4294925784



4280734784



4285443839

# Square

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



4280734784



4278245887



4294936063



4294935605

# Rectangle

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



4280734784



4278246866



4294936063



4294924192

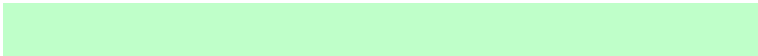


# Sweetspot

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



4280734784



4290772937



4290630694



4284055647



4278190080



4286611584



# Same Dimension

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



4280734784



4278583082



4280734868



4284509026



4278233882



4278201094



# Inverse Universe

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



4292093626



4294903258



4292093542



4285227113



4289396881

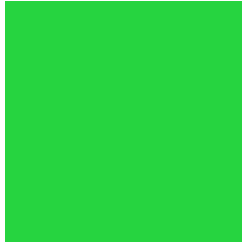


4281008165



# Previews

## White Background



This preview shows how the Android color 4280734784 looks on a white 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

# Black Background



This preview shows how the Android color 4280734784 looks on a 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 ✓ Pass

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



# Android 4280734784 Background



This preview shows how black text looks on a background with the Android color 4280734784.



This preview shows how white text looks on a background with the Android color 4280734784.

# 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**  
4280734784

**Protanopia**  
4291606328

**Deuteranopia**  
4293045582



# Trichromacy



**Original Color**

4280734784



**Protanomaly**

4287676987



**Deuteranomaly**

4288592713



**Tritanomaly**

4283026335

# Monochromacy



**Original Color**

4280734784



**Achromatopsia**

4287598479



**Achromatomaly**

4285114482

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280734784 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, 212, 64)` looks like.

```
.text, #text, p{  
    color:rgb(38, 212, 64)  
}
```

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, 212, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 212, 64) }
```

## Border

The CSS property to change the border of an element to Android 4280734784 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, 212, 64) }
```

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

```
.border{ border-color:rgb(38, 212, 64) }
```

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

Here you see how a box with a 4 pixel rgb(38, 212, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 212, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 212, 64);  
box-shadow:4px 4px 4px 4px rgb(38, 212,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4280734784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 212, 64) }
```

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

```
.background{ background-color: rgb(38, 212,  
64) }
```

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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