

# Converting Colors

Android(4282567026)

Have a look what the booklet for  
Android(4282567026) contains.

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# **Color**

**Android(4282567026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42C972
RGB	66, 201, 114
RGB Percent	26%, 79%, 45%
CMY	0.7412, 0.2118, 0.5529
CMYK	0.67, 0.00, 0.43, 0.21
HSL	141°, 56%, 52%
HSV	141°, 67%, 79%
XYZ	26.1707, 44.1464, 23.0614
YIQ	150.7170, -52.5330, -55.6770

# Conversions

## Conversions Part 2

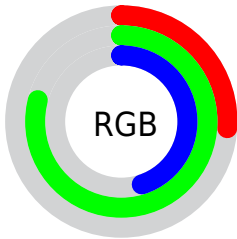
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 166, 201
Decimal	4376946
CIELab	72.33, -55.43, 33.07
CIElCh	72, 64.548, 149.181
Yxy	44.1464, 0.2803, 0.4728
Android (android.graphics.Color)	4282567026 (0xFF42C972)
YUV	150.7170, -18.1015, -74.2968
Hunter-Lab	66.4428, -45.9668, 25.9312

# Details

The Android color `4282567026` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291379865`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286709671`, and `4278227520` is the 20% darker color. If you saturate the color by 10%, you get `4281256293`, and if you desaturate by 10%, it is `4283877759`.

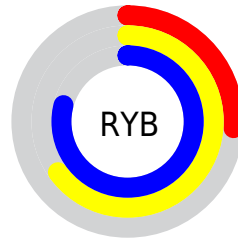
# Distribution



Red (26%)

Green (79%)

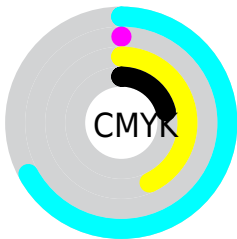
Blue (45%)



Red (26%)

Yellow (65%)

Blue (79%)

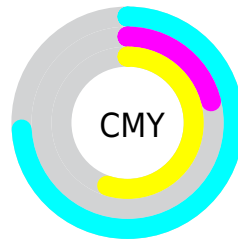


Cyan (67%)

Magenta (0%)

Yellow (43%)

Black (21%)



Cyan (74%)

Magenta (21%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282567026 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 4282567026 by changing the saturation by 10% instead.



 4282567026

 4282567026

4294967295

 4279741785

 4286709671

 4278227520

 4288675778

 4278220584

 4290576351

 4278213904

 4292542459

 4278207488

 4294508543

 4278201856

 4278193920

 4278190080

 4282567026

 4282567026

 4281256293

 4283877759

 4279945560

 4285188492

 4278634827

 4286499225

 4278241607

 4287809958

 4289186227

 4290496960

 4291807693

 4293118426

 4294429159

# Harmonies

## Analogous

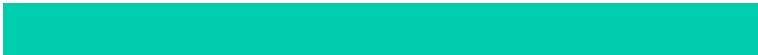
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288134978



4282567026



4278242990

# Triad

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



4282567026



4278237439



4294935163

# Complementary

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



4282567026



4291379865

# 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.



4294933429



4282567026



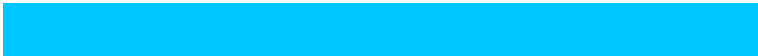
4289700607

# Square

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



4282567026



4278241279



4294413039



4294940491

# Rectangle

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



4282567026



4278243030



4294413039



4294933902

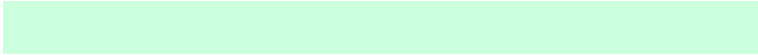


# Sweetspot

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



4282567026



4291624926



4288334146



4284579948



4278190080



4286611584



# Same Dimension

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



4282567026



4281401210



4282567093



4284113757



4278231866



4278199309



# Inverse Universe

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



4291379865



4294914230



4291379798



4284701280



4288872553



4280549399



# Previews

## White Background



This preview shows how the Android color 4282567026 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 4282567026 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

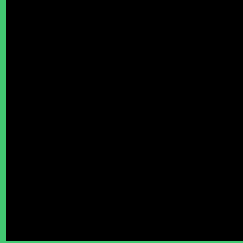
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282567026 Background



This preview shows how black text looks on a background with the Android color 4282567026.



This preview shows how white text looks on a background with the Android color 4282567026.

# 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**  
4282567026

**Protanopia**  
4290883688

**Deuteranopia**  
4291995770



# Trichromacy



**Original Color**

4282567026



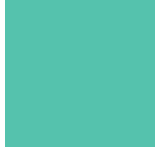
**Protanomaly**

4287871340



**Deuteranomaly**

4288590967



**Tritanomaly**

4283810477

# Monochromacy



**Original Color**

4282567026



**Achromatopsia**

4288124823



**Achromatomaly**

4286097802

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282567026 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(66, 201, 114)` looks like.

```
.text, #text, p{  
    color:rgb(66, 201, 114)  
}
```

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(66, 201, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 201, 114) }
```

## Border

The CSS property to change the border of an element to Android 4282567026 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(66, 201, 114) }
```

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

```
.border{ border-color:rgb(66, 201, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 201, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 201, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 201, 114);  
box-shadow:4px 4px 4px 4px rgb(66, 201,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4282567026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 201, 114) }
```

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

```
.background{ background-color: rgb(66, 201,  
114) }
```

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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