

# Converting Colors

Android(4282704473)

Have a look what the booklet for  
Android(4282704473) contains.

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# **Color**

**Android(4282704473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44E259
RGB	68, 226, 89
RGB Percent	27%, 89%, 35%
CMY	0.7333, 0.1137, 0.6510
CMYK	0.70, 0.00, 0.61, 0.11
HSL	128°, 73%, 58%
HSV	128°, 70%, 89%
XYZ	31.3834, 56.3429, 18.6724
YIQ	163.1400, -50.1910, -76.1030

# Conversions

## Conversions Part 2

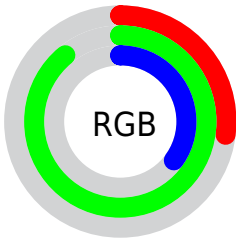
Format	Color
<a href="#">RYB</a>	<a href="#">68, 207, 226</a>
Decimal	<a href="#">4514393</a>
CIELab	<a href="#">79.81, -67.38, 54.07</a>
CIELCh	<a href="#">80, 86.394, 141.254</a>
Yxy	<a href="#">56.3429, 0.2950, 0.5295</a>
Android (android.graphics.Color)	<a href="#">4282704473 (0xFF44E259)</a>
YUV	<a href="#">163.1400, -36.5510, -83.4378</a>
Hunter-Lab	<a href="#">75.0619, -56.7274, 37.7944</a>

# Details

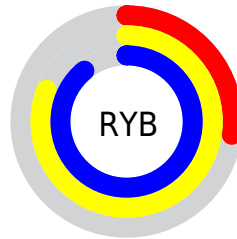
The Android color `4282704473` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4293018829`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4287168399`, and `4278233377` is the 20% darker color. If you saturate the color by 10%, you get `4281197125`, and if you desaturate by 10%, it is `4284211821`.

# Distribution



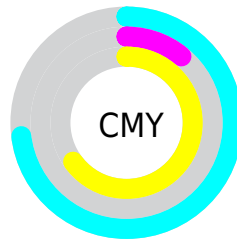
- Red (27%)
- Green (89%)
- Blue (35%)



- Red (27%)
- Yellow (81%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (73%)
- Magenta (11%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282704473 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 4282704473 by changing the saturation by 10% instead.



 4282704473

 4282704473

4294967295

 4279027006

 4287168399

 4278233377

 4289200043

 4278226432

 4291231687

 4278219520

 4293197796

 4278212864


 4278206464

 4278200064

 4278190080

 4282704473

 4282704473

 4281197125

 4284211821

 4279755314

 4285653632

 4278247966

 4287160980

 4288602791

 4290110139

 4291617487

 4293059298

 4294566646

 4294959871

# Harmonies

## Analogous

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



4290106112



4282704473



4278249899

# Triad

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



4282704473



4278245119



4294932369

# Complementary

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



4282704473



4293018829

# 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.



4294931937



4282704473



4287806463

# Square

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



4282704473



4278248959



4294940159



4294940487

# Rectangle

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



4282704473



4278250467



4294940159



4294931115

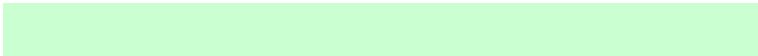


# Sweetspot

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



4282704473



4291428305



4291879492



4284514404



4278190080



4286611584



# Same Dimension

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



4282704473



4280942405



4282704549



4284837990



4278235159



4278202374



# Inverse Universe

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



4293018829



4294912483



4293018753



4285556079



4289724569



4281335850



# Previews

## White Background



This preview shows how the Android color 4282704473 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 4282704473 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

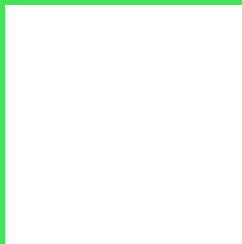
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282704473 Background



This preview shows how black text looks on a background with the Android color 4282704473.



This preview shows how white text looks on a background with the Android color 4282704473.

# 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**

4282704473



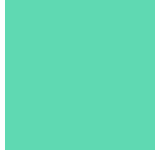
**Protanomaly**

4288925523



**Deuteranomaly**

4289907040



**Tritanomaly**

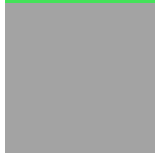
4284471730

# Monochromacy



**Original Color**

4282704473



**Achromatopsia**

4288914339



**Achromatomaly**

4286626440

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282704473 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(68, 226, 89)` looks like.

```
.text, #text, p{  
    color:rgb(68, 226, 89)  
}
```

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(68, 226, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 226, 89) }
```

## Border

The CSS property to change the border of an element to Android 4282704473 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(68, 226, 89) }
```

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

```
.border{ border-color:rgb(68, 226, 89) }
```

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

Here you see how a box with a 4 pixel rgb(68, 226, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 226, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 226, 89);  
box-shadow:4px 4px 4px 4px rgb(68, 226,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4282704473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 226, 89) }
```

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

```
.background{ background-color: rgb(68, 226,  
89) }
```

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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