

# Converting Colors

Android(4284592720)

Have a look what the booklet for  
Android(4284592720) contains.

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# **Color**

**Android(4284592720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61B250
RGB	97, 178, 80
RGB Percent	38%, 70%, 31%
CMY	0.6196, 0.3020, 0.6863
CMYK	0.46, 0.00, 0.55, 0.30
HSL	110°, 39%, 51%
HSV	110°, 55%, 70%
XYZ	22.2981, 34.9614, 13.1624
YIQ	142.6090, -16.8180, -47.6500

# Conversions

## Conversions Part 2

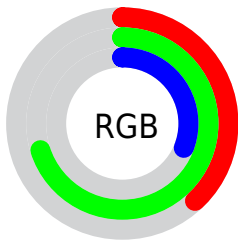
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 178, 161
Decimal	6402640
CIELab	65.72, -43.86, 42.00
CIELCh	66, 60.729, 136.238
Yxy	34.9614, 0.3166, 0.4965
Android (android.graphics.Color)	4284592720 (0xFF61B250)
YUV	142.6090, -30.8662, -39.9991
Hunter-Lab	59.1281, -36.1591, 28.1913

# Details

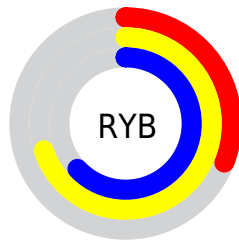
The Android color `4284592720` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4288762034`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4288277124`, and `4280777757` is the 20% darker color. If you saturate the color by 10%, you get `4283609662`, and if you desaturate by 10%, it is `4285575778`.

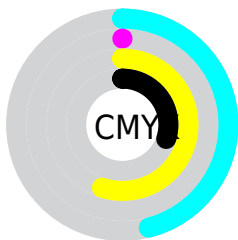
# Distribution



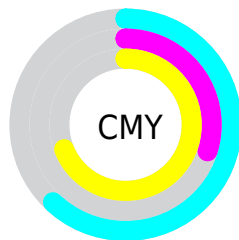
- Red (38%)
- Green (70%)
- Blue (31%)



- Red (31%)
- Yellow (70%)
- Blue (63%)



- Cyan (46%)
- Magenta (0%)
- Yellow (55%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284592720 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 4284592720 by changing the saturation by 10% instead.





4284592720



4284592720

4294967295



4282750775



4288277124



4280777757



4290117535



4278215424



4292018106



4278209024



4293918678



4278203136



4294967283



4278197248



4278190080



4284592720



4284592720




4283609662



4285575778

 4282692140

 4286493300

 4281709083

 4287476357


 4280726025

 4288459415

 4280267264

 4289442473

 4290359995

 4291343053

 4292326110

 4293243632

# Harmonies

## Analogous

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



4288718380



4284592720



4278237316

# Triad

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



4284592720



4278234623



4294930052

# Complementary

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



4284592720



4288762034

# 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.



4294341051



4284592720



4285635583

# Square

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



4284592720



4278237165



4291331308



4294278739

# Rectangle

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



4284592720



4278237866



4291331308



4294929814



# Sweetspot

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



4284592720



4291291329



4289896528



4284642654



4294309365



4285887861



# Same Dimension

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



4284592720



4285130831



4283478639



4283586896



4279998720



4278458880



# Inverse Universe

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



4288762034



4291645416



4289876115



4283977817



4286447769



4279566362



# Previews

## White Background



This preview shows how the Android color 4284592720 looks on a white background.

## Color Contrast Check

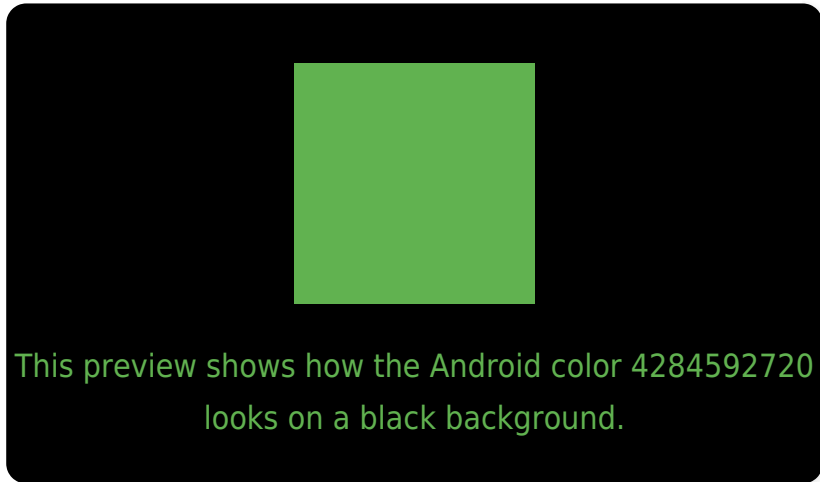
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4284592720 Background



This preview shows how black text looks on a background with the Android color 4284592720.



This preview shows how white text looks on a background with the Android color 4284592720.

# 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**  
4284592720



**Protanomaly**  
4287866444



**Deuteranomaly**  
4288651604



**Tritanomaly**  
4285377424

# Monochromacy



**Original Color**  
4284592720



**Achromatopsia**  
4287598479



**Achromatomaly**  
4286487672

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284592720 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(97, 178, 80)` looks like.

```
.text, #text, p{  
    color:rgb(97, 178, 80)  
}
```

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(97, 178, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 178, 80) }
```

## Border

The CSS property to change the border of an element to Android 4284592720 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(97, 178, 80) }
```

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

```
.border{ border-color:rgb(97, 178, 80) }
```

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

Here you see how a box with a 4 pixel rgb(97, 178, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 178, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 178, 80);  
box-shadow:4px 4px 4px 4px rgb(97, 178,  
80) }
```

# Background

The CSS property to change the background color of an element to Android 4284592720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 178, 80) }
```

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

```
.background{ background-color: rgb(97, 178,  
80) }
```

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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