

# Converting Colors

Android(4290757727)

Have a look what the booklet for  
Android(4290757727) contains.

<b>Android(4290757727)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4290757727)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFC45F
RGB	191, 196, 95
RGB Percent	75%, 77%, 37%
CMY	0.2510, 0.2314, 0.6275
CMYK	0.03, 0.00, 0.52, 0.23
HSL	63°, 46%, 57%
HSV	63°, 52%, 77%
XYZ	43.2913, 51.3824, 18.4626
YIQ	182.9910, 29.4410, -32.4710

# Conversions

## Conversions Part 2

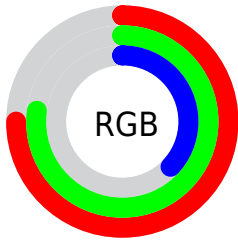
Format	Color
R <sub>Y</sub> B	95, 196, 100
Decimal	12567647
CIE Lab	76.91, -15.77, 49.49
CIE LCh	77, 51.944, 107.677
Yxy	51.3824, 0.3826, 0.4542
Android (android.graphics.Color)	4290757727 (0xFFBFC45F)
YUV	182.9910, -43.3796, 7.0239
Hunter-Lab	71.6815, -17.6394, 34.9061

# Details

The Android color `4290757727` is a light color, and the websafe version is hex `CCCC66`. The color can be described as light muted chartreuse. A complement of this color would be `4284768196`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4294573204`, and `4287073835` is the 20% darker color. If you saturate the color by 10%, you get `4290692171`, and if you desaturate by 10%, it is `4290823283`.

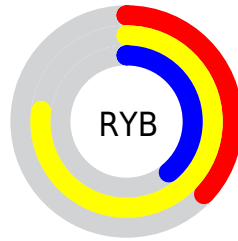
# Distribution



Red (75%)

Green (77%)

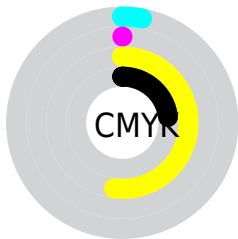
Blue (37%)



Red (37%)

Yellow (77%)

Blue (39%)

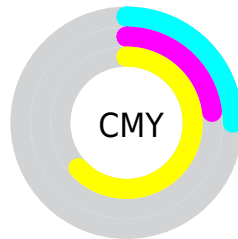


Cyan (3%)

Magenta (0%)

Yellow (52%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290757727 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 4290757727 by changing the saturation by 10% instead.





4290757727



4290757727

4294967295



4288915781



4294573204



4287073835



4294967215



4285297933



4294967244



4283587584



4294967272



4281943296



4280299264



4278196992



4278190080



4290757727



4290757727

4290692171

4290823283

4290626616

4290888838

4290561060

4290954394

4290495505

4291019949

4290429952

4291085505

4291151061

4291216616

4291282172

4291347711

# Harmonies

## Analogous

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



4293702751



4290757727



4287156091

# Triad

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



4290757727



4278244351



4294940884

# Complementary

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



4290757727



4284768196

# 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.



4293306111



4290757727



4281321983

# Square

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



4290757727



4278245337



4288854527



4294940579

# Rectangle

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



4290757727



4284077208



4288854527



4294941923



# Sweetspot

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



4290757727



4294836185



4291060319



4286480489



4278190080



4286611584



# Same Dimension

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



4290757727



4294442849



4287546463



4284506455



4288258304



4280295680



# Inverse Universe

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



4284768196



4285096447



4287979460



4283979617



4278714529



4278321185



# Previews

## White Background



This preview shows how the Android color 4290757727 looks on a white background.

## Color Contrast Check

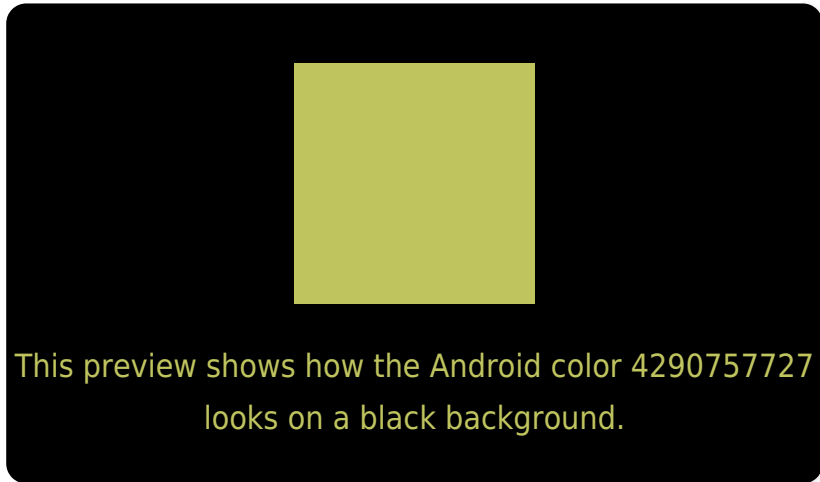
Large Text (above 18pt) WCAG AA × Fail

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 4290757727 Background



This preview shows how black text looks on a background with the Android color 4290757727.



This preview shows how white text looks on a background with the Android color 4290757727.

# 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**  
4290757727

**Protanopia**  
4292001373

**Deuteranopia**  
4293506403



**Tritanopia**  
4291475911

# Trichromacy



**Original Color**

4290757727

**Protanomaly**

4291543134

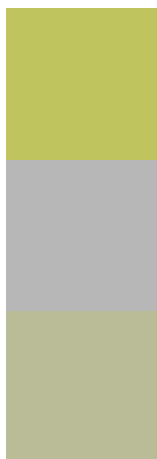
**Deuteranomaly**

4292524642

**Tritanomaly**

4291214753

# Monochromacy



**Original Color**

4290757727

**Achromatopsia**

4290230199

**Achromatomaly**

4290428055

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290757727 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(191, 196, 95)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 95)  
}
```

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(191, 196, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 95) }
```

## Border

The CSS property to change the border of an element to Android 4290757727 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(191, 196, 95) }
```

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

```
.border{ border-color:rgb(191, 196, 95) }
```

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

Here you see how a box with a 4 pixel rgb(191, 196, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 95);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
95) }
```

# Background

The CSS property to change the background color of an element to Android 4290757727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 95) }
```

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

```
.background{ background-color: rgb(191,  
196, 95) }
```

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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