

# Converting Colors

Android(4284858228)

Have a look what the booklet for  
Android(4284858228) contains.

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# **Color**

**Android(4284858228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65BF74
RGB	101, 191, 116
RGB Percent	40%, 75%, 45%
CMY	0.6039, 0.2510, 0.5451
CMYK	0.47, 0.00, 0.39, 0.25
HSL	130°, 41%, 57%
HSV	130°, 47%, 75%
XYZ	27.1500, 41.2893, 23.0617
YIQ	155.5400, -29.5650, -42.4050

# Conversions

## Conversions Part 2

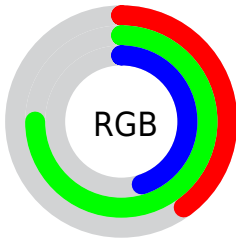
Format	Color
<a href="#">RYB</a>	<a href="#">101, 178, 191</a>
Decimal	<a href="#">6668148</a>
CIELab	<a href="#">70.38, -43.03, 29.71</a>
CIELCh	<a href="#">70, 52.289, 145.375</a>
Yxy	<a href="#">41.2893, 0.2967, 0.4512</a>
Android (android.graphics.Color)	<a href="#">4284858228 (0xFF65BF74)</a>
YUV	<a href="#">155.5400, -19.4932, -47.8316</a>
Hunter-Lab	<a href="#">64.2567, -37.0287, 23.7006</a>

# Details

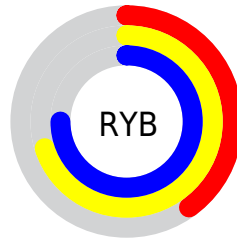
The Android color `4284858228` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290733488`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4288542889`, and `4281043267` is the 20% darker color. If you saturate the color by 10%, you get `4283613028`, and if you desaturate by 10%, it is `4286103428`.

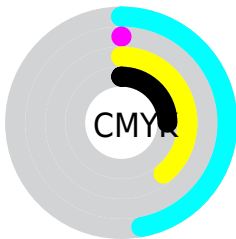
# Distribution



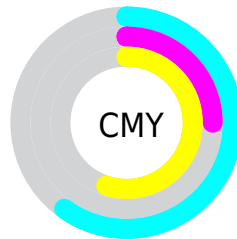
- Red (40%)
- Green (75%)
- Blue (45%)



- Red (40%)
- Yellow (70%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284858228 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 4284858228 by changing the saturation by 10% instead.



 4284858228

 4284858228

4294967295

 4283016283

 4288542889

 4281043267

 4290379716

 4278218539

 4292280288

 4278212116


 4294180861

 4278205696

 4278200320

 4278190848

 4278190080

 4284858228


 4284858228

 4283613028

 4286103428

 4282367828

 4287348628

 4281122628

 4288593828

 4279877428

 4289839028

 4278566692

 4291084228

 4278239008

 4292394963

 4293640163

 4294885363

 4294950911

# Harmonies

## Analogous

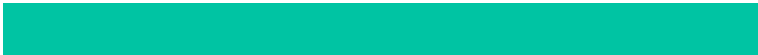
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288722258



4284858228



4278240419

# Triad

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



4284858228



4282037247



4294936454

# Complementary

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



4284858228



4290733488

# 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.



4294935733



4284858228



4288914431

# Square

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



4284858228



4278239225



4292907235



4294088031

# Rectangle

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



4284858228



4278240452



4292907235



4294935701

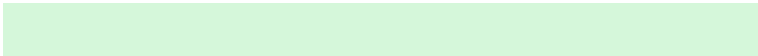


# Sweetspot

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



4284858228



4292212698



4289773413



4285037931



4294769916



4286414205



# Same Dimension

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



4284858228



4285200258



4284858273



4283784790



4278230554



4278198021



# Inverse Universe

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



4290733488



4294404832



4290733443



4284372317



4288544900



4280221721



# Previews

## White Background



This preview shows how the Android color 4284858228 looks on a white background.

## Color Contrast Check

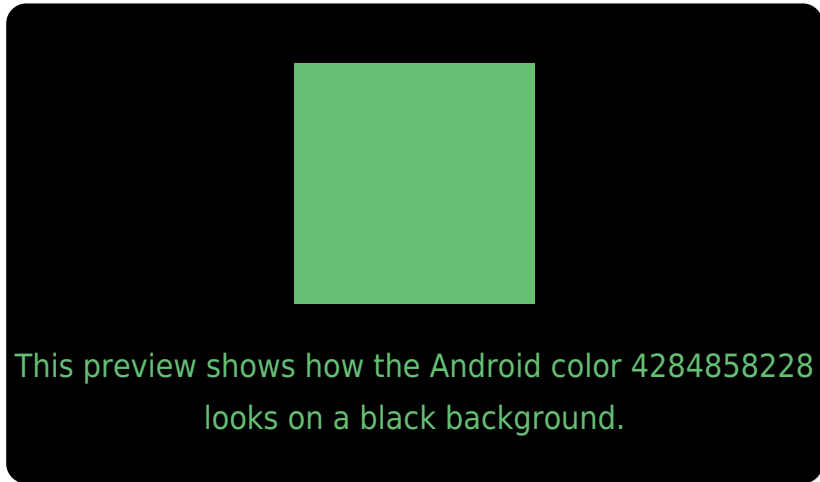
Large Text (above 18pt) WCAG AA × Fail

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 4284858228 Background



This preview shows how black text looks on a background with the Android color 4284858228.



This preview shows how white text looks on a background with the Android color 4284858228.

# 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**

4284858228



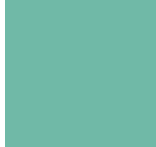
**Protanomaly**

4288393839



**Deuteranomaly**

4289113720



**Tritanomaly**

4285577639

# Monochromacy



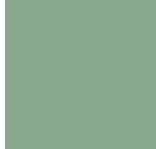
**Original Color**

4284858228



**Achromatopsia**

4288453788



**Achromatomaly**

4287146381

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284858228 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(101, 191, 116)` looks like.

```
.text, #text, p{  
    color:rgb(101, 191, 116)  
}
```

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(101, 191, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 191, 116) }
```

## Border

The CSS property to change the border of an element to Android 4284858228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

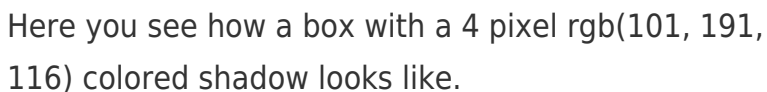
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 191, 116) }
```

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

```
.border{ border-color:rgb(101, 191, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(101, 191, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 191, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 191, 116); box-shadow:4px 4px 4px 4px rgb(101, 191, 116) }
```

# Background

The CSS property to change the background color of an element to Android 4284858228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 191, 116) }
```

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

```
.background{ background-color: rgb(101,  
191, 116) }
```

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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