

# Converting Colors

Android(4284726626)

Have a look what the booklet for  
Android(4284726626) contains.

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# **Color**

**Android(4284726626)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63BD62
RGB	99, 189, 98
RGB Percent	39%, 74%, 38%
CMY	0.6118, 0.2588, 0.6157
CMYK	0.48, 0.00, 0.48, 0.26
HSL	119°, 41%, 56%
HSV	119°, 48%, 74%
XYZ	25.5478, 39.9297, 17.9160
YIQ	151.7160, -24.4290, -47.3810

# Conversions

## Conversions Part 2

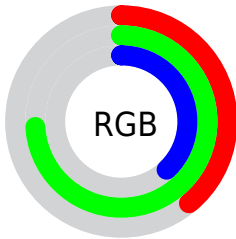
Format	Color
<a href="#">RYB</a>	<a href="#">98, 189, 188</a>
Decimal	<a href="#">6536546</a>
CIELab	<a href="#">69.42, -45.50, 37.68</a>
CIELCh	<a href="#">69, 59.080, 140.374</a>
Yxy	<a href="#">39.9297, 0.3064, 0.4788</a>
Android (android.graphics.Color)	<a href="#">4284726626 (0xFF63BD62)</a>
YUV	<a href="#">151.7160, -26.4820, -46.2319</a>
Hunter-Lab	<a href="#">63.1899, -38.4146, 27.4227</a>

# Details

The Android color `4284726626` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290536125`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4288411286`, and `4280846128` is the 20% darker color. If you saturate the color by 10%, you get `4283481423`, and if you desaturate by 10%, it is `4285971829`.

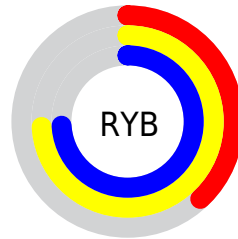
# Distribution



Red (39%)

Green (74%)

Blue (38%)



Red (38%)

Yellow (74%)

Blue (74%)

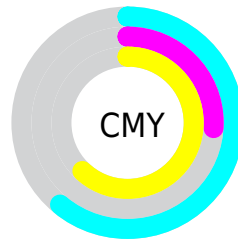


Cyan (48%)

Magenta (0%)

Yellow (48%)

Black (26%)



Cyan (61%)

Magenta (26%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284726626 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 4284726626 by changing the saturation by 10% instead.





4284726626



4284726626

4294967295



4282884681



4288411286



4280846128



4290248625



4278218007



4292149197



4278211584



4294115306



4278205184



4278199808



4278190080



4284726626



4284726626



4283481423



4285971829

 4282301756

 4287151496

 4281056553

 4288396699

 4279811350

 4289641902

 4278631683

 4290821569

 4278369536

 4292066771

 4293311974

 4294557177

 4294950399

# Harmonies

## Analogous

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



4288918078



4284726626



4278240150

# Triad

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



4284726626



4278236415



4294933639

# Complementary

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



4284726626



4290536125

# 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.



4294933437



4284726626



4287537919

# Square

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



4284726626



4278239227



4292513006



4294675544

# Rectangle

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



4284726626



4278240443



4292513006



4294932889

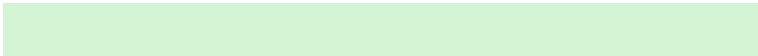


# Sweetspot

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



4284726626



4292081107



4290624354



4284906086



4294638330



4286216826



# Same Dimension

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



4284726626



4285068647



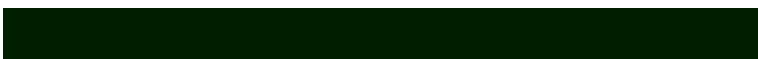
4284661134



4283784789



4278361600



4278198016



# Inverse Universe

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



4290536125



4294141941



4290601617



4284372318



4288413854



4280156191



# Previews

## White Background



This preview shows how the Android color 4284726626 looks on a white background.

## Color Contrast Check

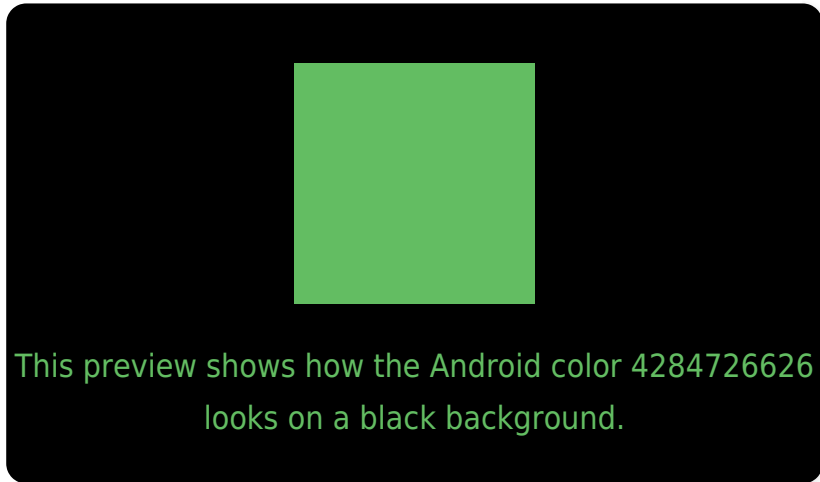
Large Text (above 18pt) WCAG AA × Fail

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 4284726626 Background



This preview shows how black text looks on a background with the Android color 4284726626.



This preview shows how white text looks on a background with the Android color 4284726626.

# 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**  
4284726626

**Protanopia**  
4290423131

**Deuteranopia**  
4291600745



# Trichromacy



**Original Color**

4284726626



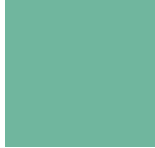
**Protanomaly**

4288327774



**Deuteranomaly**

4289112934



**Tritanomaly**

4285576862

# Monochromacy



**Original Color**

4284726626



**Achromatopsia**

4288190616



**Achromatomaly**

4286948740

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284726626 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(99, 189, 98)` looks like.

```
.text, #text, p{  
    color:rgb(99, 189, 98)  
}
```

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(99, 189, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 189, 98) }
```

## Border

The CSS property to change the border of an element to Android 4284726626 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(99, 189, 98) }
```

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

```
.border{ border-color:rgb(99, 189, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 189, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 189, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 189, 98);  
box-shadow:4px 4px 4px 4px rgb(99, 189,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4284726626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 189, 98) }
```

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

```
.background{ background-color: rgb(99, 189,  
98) }
```

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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