

# Converting Colors

Android(4284807830)

Have a look what the booklet for  
Android(4284807830) contains.

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# **Color**

**Android(4284807830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64FA96
RGB	100, 250, 150
RGB Percent	39%, 98%, 59%
CMY	0.6078, 0.0196, 0.4118
CMYK	0.60, 0.00, 0.40, 0.02
HSL	140°, 94%, 69%
HSV	140°, 60%, 98%
XYZ	44.9462, 73.2825, 40.6302
YIQ	193.7500, -57.3000, -62.9000

# Conversions

## Conversions Part 2

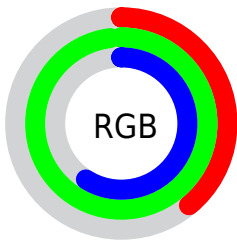
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 213, 250</a>
Decimal	<a href="#">6617750</a>
CIELab	<a href="#">88.58, -61.24, 36.33</a>
CIElCh	<a href="#">89, 71.206, 149.326</a>
Yxy	<a href="#">73.2825, 0.2829, 0.4613</a>
Android (android.graphics.Color)	<a href="#">4284807830 (0xFF64FA96)</a>
YUV	<a href="#">193.7500, -21.5688, -82.2188</a>
Hunter-Lab	<a href="#">85.6052, -56.0895, 31.7833</a>

# Details

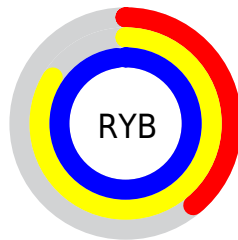
The Android color **4284807830** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **4294599880**, and the grayscale version is **4290953922**.

A 20% lighter version of the original color is **4288872397**, and **4278829154** is the 20% darker color. If you saturate the color by 10%, you get **4283169413**, and if you desaturate by 10%, it is **4286446247**.

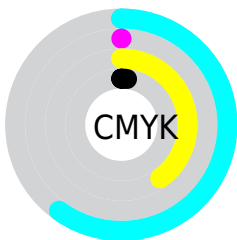
# Distribution



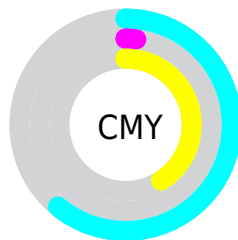
- Red (39%)
- Green (98%)
- Blue (59%)



- Red (39%)
- Yellow (84%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (40%)
- Black (2%)



- Cyan (61%)
- Magenta (2%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284807830 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 4284807830 by changing the saturation by 10% instead.



 4284807830

 4284807830

4294967295

 4282506620

 4288872397

 4278829154

 4290904042

 4278232137

 4292870143

 4278225200

4294901759

 4278218519

 4278211840

 4278205440

 4278199296


 4278190080

 4284807830

 4284807830

 4283169413

 4286446247


 4281530997

 4288084663

 4279892580

 4289723080

 4278254163

 4291361497

 4292999913

 4294638330

 4294966015

# Harmonies

## Analogous

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



4290899553



4284807830



4278255579

# Triad

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



4284807830



4281853695



4294945184

# Complementary

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



4284807830



4294599880

# 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.



4294943459



4284807830



4292791807

# Square

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



4284807830



4278253567



4294947583



4294951273

# Rectangle

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



4284807830



4278255615



4294947583



4294943925

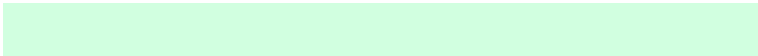


# Sweetspot

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



4284807830



4291952608



4291361380



4284711021



4278190080



4286611584



# Same Dimension

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



4284807830



4282908549



4284807905



4285562229



4278238527



4278205716



# Inverse Universe

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



4294599880



4294920130



4294599805



4286410873



4290576510

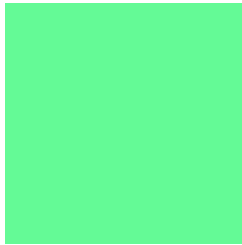


4282187817



# Previews

## White Background



This preview shows how the Android color 4284807830 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 4284807830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

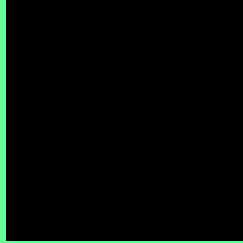
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284807830 Background



This preview shows how black text looks on a background with the Android color 4284807830.

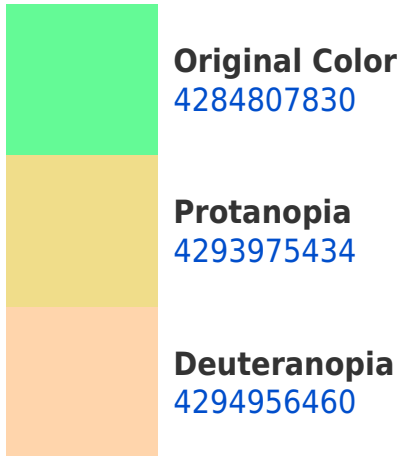


This preview shows how white text looks on a background with the Android color 4284807830.

# 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**

4284807830



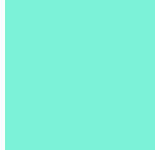
**Protanomaly**

4290635918



**Deuteranomaly**

4291289764



**Tritanomaly**

4286378713

# Monochromacy



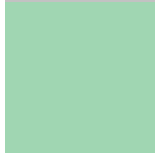
**Original Color**

4284807830



**Achromatopsia**

4290953922



**Achromatomaly**

4288730802

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284807830 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(100, 250, 150)` looks like.

```
.text, #text, p{  
    color:rgb(100, 250, 150)  
}
```

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(100, 250, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 250, 150) }
```

## Border

The CSS property to change the border of an element to Android 4284807830 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(100, 250, 150) }
```

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

```
.border{ border-color:rgb(100, 250, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 250, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 250, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 250, 150);  
box-shadow:4px 4px 4px 4px rgb(100, 250,  
150) }
```

# Background

The CSS property to change the background color of an element to Android 4284807830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 250, 150) }
```

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

```
.background{ background-color: rgb(100,  
250, 150) }
```

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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