

# Converting Colors

Android(4285066654)

Have a look what the booklet for  
Android(4285066654) contains.

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# **Color**

**Android(4285066654)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68ED9E
RGB	104, 237, 158
RGB Percent	41%, 93%, 62%
CMY	0.5922, 0.0706, 0.3804
CMYK	0.56, 0.00, 0.33, 0.07
HSL	144°, 79%, 67%
HSV	144°, 56%, 93%
XYZ	42.1647, 65.9801, 42.8609
YIQ	188.2270, -53.9090, -52.7650

# Conversions

## Conversions Part 2

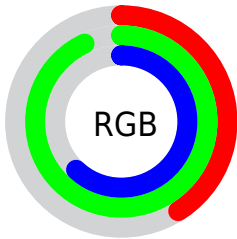
Format	Color
<a href="#">RYB</a>	<a href="#">104, 199, 237</a>
Decimal	<a href="#">6876574</a>
CIELab	<a href="#">84.99, -53.95, 27.54</a>
CIELCh	<a href="#">85, 60.572, 152.959</a>
Yxy	<a href="#">65.9801, 0.2792, 0.4369</a>
Android (android.graphics.Color)	<a href="#">4285066654</a> ( <a href="#">0xFF68ED9E</a> )
YUV	<a href="#">188.2270, -14.9019, -73.8671</a>
Hunter-Lab	<a href="#">81.2281, -49.4917, 25.5747</a>

# Details

The Android color `4285066654` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4293748919`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4289003477`, and `4280333418` is the 20% darker color. If you saturate the color by 10%, you get `4283493776`, and if you desaturate by 10%, it is `4286639532`.

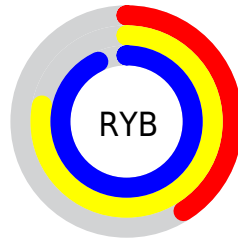
# Distribution



Red (41%)

Green (93%)

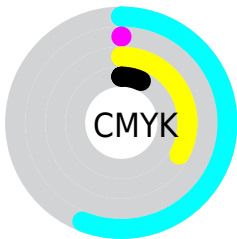
Blue (62%)



Red (41%)

Yellow (78%)

Blue (93%)

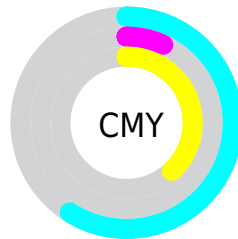


Cyan (56%)

Magenta (0%)

Yellow (33%)

Black (7%)



Cyan (59%)

Magenta (7%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285066654 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 4285066654 by changing the saturation by 10% instead.





4285066654



4285066654

4294967295



4282962052



4289003477



4280333418



4290969586



4278229329



4292935679



4278222393

4294901759



4278215714



4278209291



4278203136



4278196736



4278190080

 4285066654

 4285066654

 4283493776

 4286639532


 4281986434

 4288146874

 4280413556

 4289719752

 4278840678

 4291292630

 4278250848

 4292799972

 4294372850

 4294962687

# Harmonies

## Analogous

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



4290110320



4285066654



4278251992

# Triad

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



4285066654



4286044415



4294945689

# Complementary

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



4285066654



4293748919

# 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.



4294943697



4285066654



4292920319

# Square

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



4285066654



4278249727



4294946559



4294950510

# Rectangle

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



4285066654



4278252031



4294946559



4294944683

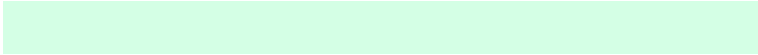


# Sweetspot

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



4285066654



4292149221



4290309480



4284907632



4278190080



4286611584



# Same Dimension

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



4285066654



4283760538



4285066720



4285166958



4278236490



4278203926



# Inverse Universe

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



4293748919



4294923450



4293748853



4285885041



4290052204

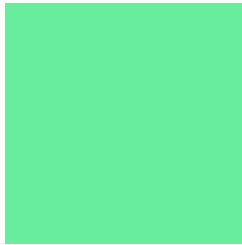


4281729056



# Previews

## White Background



This preview shows how the Android color 4285066654 looks on a white background.

## Color Contrast Check

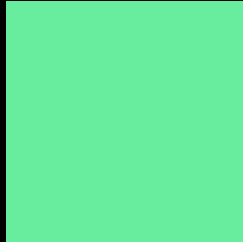
Large Text (above 18pt) WCAG AA × Fail

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 4285066654 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

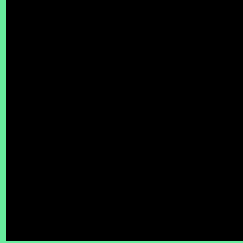
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285066654 Background



This preview shows how black text looks on a background with the Android color 4285066654.

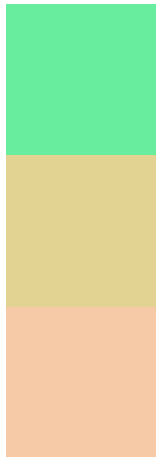


This preview shows how white text looks on a background with the Android color 4285066654.

# 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**  
4285066654

**Protanopia**  
4293120915

**Deuteranopia**  
4294363814

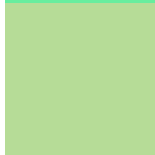


# Trichromacy



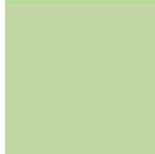
**Original Color**

4285066654



**Protanomaly**

4290174103



**Deuteranomaly**

4290959267



**Tritanomaly**

4286113493

# Monochromacy



**Original Color**

4285066654



**Achromatopsia**

4290559164



**Achromatomaly**

4288532145

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285066654 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(104, 237, 158)` looks like.

```
.text, #text, p{  
    color:rgb(104, 237, 158)  
}
```

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(104, 237, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 237, 158) }
```

## Border

The CSS property to change the border of an element to Android 4285066654 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(104, 237, 158) }
```

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

```
.border{ border-color:rgb(104, 237, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 237, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 237, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 237, 158);  
box-shadow:4px 4px 4px 4px rgb(104, 237,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4285066654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 237, 158) }
```

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

```
.background{ background-color: rgb(104,  
237, 158) }
```

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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