

# Converting Colors

Android(4286769624)

Have a look what the booklet for  
Android(4286769624) contains.

<b>Android(4286769624)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4286769624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82E9D8
RGB	130, 233, 216
RGB Percent	51%, 91%, 85%
CMY	0.4902, 0.0863, 0.1529
CMYK	0.44, 0.00, 0.07, 0.09
HSL	170°, 70%, 71%
HSV	170°, 44%, 91%
XYZ	50.7395, 67.9815, 75.4132
YIQ	200.2650, -55.9310, -27.1230

# Conversions

## Conversions Part 2

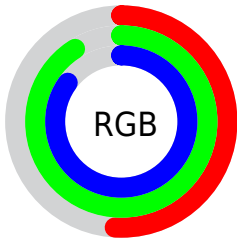
Format	Color
<a href="#">RYB</a>	<a href="#">130, 186, 233</a>
Decimal	<a href="#">8579544</a>
CIELab	<a href="#">86.00, -34.04, -1.10</a>
CIELCh	<a href="#">86, 34.053, 181.845</a>
Yxy	<a href="#">67.9815, 0.2614, 0.3502</a>
Android (android.graphics.Color)	<a href="#">4286769624</a> ( <a href="#">0xFF82E9D8</a> )
YUV	<a href="#">200.2650, 7.7574, -61.6224</a>
Hunter-Lab	<a href="#">82.4509, -34.4419, 3.4864</a>

# Details

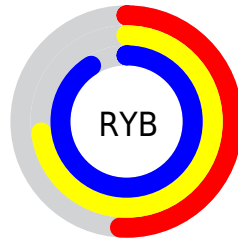
The Android color `4286769624` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4293493395`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4290576383`, and `4282888609` is the 20% darker color. If you saturate the color by 10%, you get `4285262292`, and if you desaturate by 10%, it is `4288276956`.

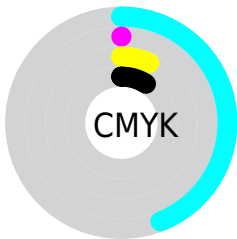
# Distribution



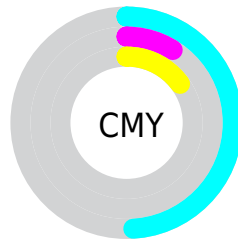
- Red (51%)
- Green (91%)
- Blue (85%)



- Red (51%)
- Yellow (73%)
- Blue (91%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (49%)
- Magenta (9%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286769624 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 4286769624 by changing the saturation by 10% instead.



 4286769624

 4286769624

4294967295

 4284861884

 4290576383

 4282888609

 4292476927

 4280653447

 4294443007

 4278221934

 4278215254

 4278209086

 4278202921

 4278197780

 4278190080

 4286769624

 4286769624


 4285262292

 4288276956

 4283689424

 4289849824

 4282182092

 4291357156

 4280674761

 4292864487

 4279101893

 4294371819

 4278249923

 4294961647

 4294961651

 4294961655

 4294961659

# Harmonies

## Analogous

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



4288997048



4286769624



4285720824

# Triad

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



4286769624



4292792063



4294953887

# Complementary

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



4286769624



4293493395

# 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.



4294951607



4286769624



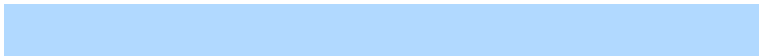
4294952182

# Square

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



4286769624



4289845759



4294950870



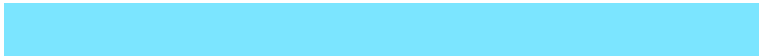
4293711511

# Rectangle

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



4286769624



4286309887



4294950870



4294952870

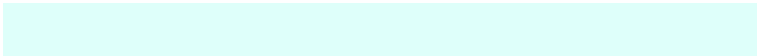


# Sweetspot

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



4286769624



4292804602



4287883650



4285235324



4278190080



4286611584

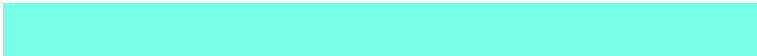


# Same Dimension

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



4286769624



4286119913



4286760937



4285166963



4278236567



4278203949



# Inverse Universe

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



4293493395



4294932622



4293502082



4285885036



4290052126

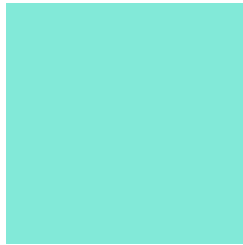


4281729033



# Previews

## White Background



This preview shows how the Android color 4286769624 looks on a white background.

## Color Contrast Check

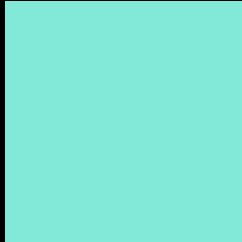
Large Text (above 18pt) WCAG AA × Fail

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 4286769624 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

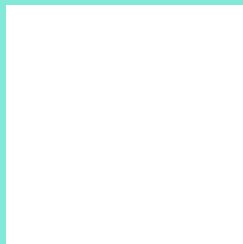
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286769624 Background



This preview shows how black text looks on a background with the Android color 4286769624.



This preview shows how white text looks on a background with the Android color 4286769624.

# 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**

4286769624



**Protanomaly**

4290501841



**Deuteranomaly**

4290959579



**Tritanomaly**

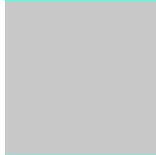
4287162092

# Monochromacy



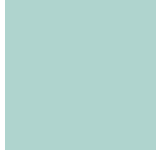
**Original Color**

4286769624



**Achromatopsia**

4291348680



**Achromatomaly**

4289713358

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286769624 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(130, 233, 216)` looks like.

```
.text, #text, p{  
    color:rgb(130, 233, 216)  
}
```

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(130, 233, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 233, 216) }
```

## Border

The CSS property to change the border of an element to Android 4286769624 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(130, 233, 216) }
```

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

```
.border{ border-color:rgb(130, 233, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 233, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 233, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 233, 216);  
box-shadow:4px 4px 4px 4px rgb(130, 233,  
216) }
```

# Background

The CSS property to change the background color of an element to Android 4286769624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 233, 216) }
```

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

```
.background{ background-color: rgb(130,  
233, 216) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor