

Converting Colors

Android(4284934143)

Have a look what the booklet for
Android(4284934143) contains.

Android(4284934143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284934143)

Conversions

Conversions Part 1

Format	Color
Hex	66E7FF
RGB	102, 231, 255
RGB Percent	40%, 91%, 100%
CMY	0.6000, 0.0941, 0.0000
CMYK	0.60, 0.09, 0.00, 0.00
HSL	189°, 100%, 70%
HSV	189°, 60%, 100%
XYZ	52.1054, 67.1966, 104.8317
YIQ	195.1650, -84.5880, -19.8840

Conversions

Conversions Part 2

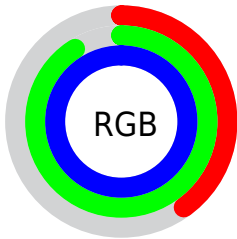
Format	Color
RYB	102, 172, 255
Decimal	6744063
CIELab	85.60, -28.73, -22.31
CIELCh	86, 36.375, 217.831
Yxy	67.1966, 0.2325, 0.2998
Android (android.graphics.Color)	4284934143 (0xFF66E7FF)
YUV	195.1650, 29.4987, -81.7057
Hunter-Lab	81.9735, -29.9925, -18.4415

Details

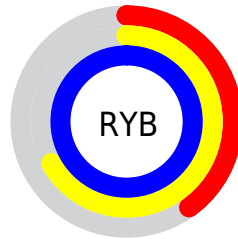
The Android color `4284934143` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294934118`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4289069055`, and `4278497222` is the 20% darker color. If you saturate the color by 10%, you get `4283294719`, and if you desaturate by 10%, it is `4286639103`.

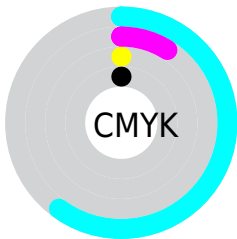
Distribution



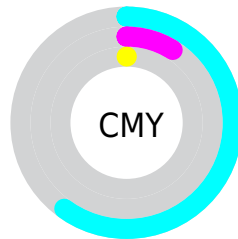
- Red (40%)
- Green (91%)
- Blue (100%)



- Red (40%)
- Yellow (67%)
- Blue (100%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284934143 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 4284934143 by changing the saturation by 10% instead.

 4284934143

 4284934143

4294967295

 4282567650

 4289069055

 4278497222

 4291100671

 4278228139

 4293132287

 4278221456

 4278215031

 4278208862

 4278202950

 4278197808

 4278190363

■ 4284934143

■ 4284934143

■ 4283294719

■ 4286639103

■ 4281589759

■ 4288278527

■ 4279884799

■ 4289983487

■ 4278245375

■ 4291622911

■ 4293327871

4294967295

Harmonies

Analogous

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



4285786590



4284934143



4286898687

Triad

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



4284934143



4294951153



4293253009

Complementary

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



4284934143



4294934118

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.



4294953879



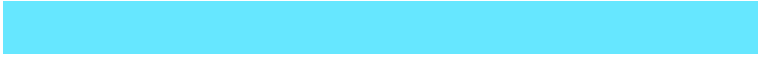
4284934143



4294950094

Square

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



4284934143



4293315327



4294951341



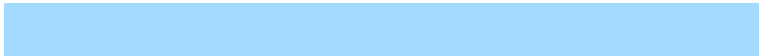
4290765215

Rectangle

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



4284934143



4289059583



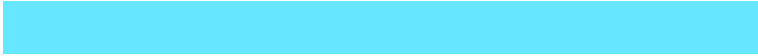
4294951341



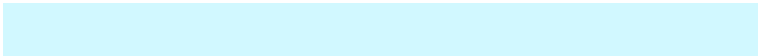
4293972881

Sweetspot

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



4284934143



4291950847



4284940157



4284709760



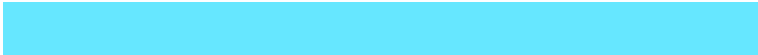
4278190080



4286611584

Same Dimension

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



4284934143



4282901247



4284914943



4285759104



4278231487



4278203968

Inverse Universe

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



4294928103



4294920162



4294953318



4286608254



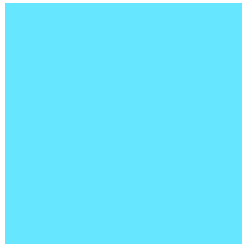
4290707617



4282384438

Previews

White Background



This preview shows how the Android color 4284934143 looks on a white background.

Color Contrast Check

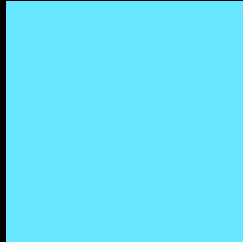
Large Text (above 18pt) WCAG AA × Fail

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 4284934143 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 4284934143 Background



This preview shows how black text looks on a background with the Android color 4284934143.



This preview shows how white text looks on a background with the Android color 4284934143.

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



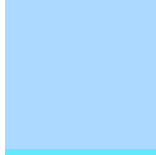
Trichromacy



Original Color
4284934143



Protanomaly
4289321719



Deuteranomaly
4289452543

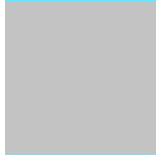


Tritanomaly
4284868860

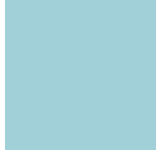
Monochromacy



Original Color
4284934143



Achromatopsia
4291019715



Achromatomaly
4288794841

CSS Examples

Text

The CSS property to change the color of the text to Android 4284934143 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(102, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 231, 255)  
}
```

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(102, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 231, 255) }
```

Border

The CSS property to change the border of an element to Android 4284934143 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(102, 231, 255) }
```

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

```
.border{ border-color:rgb(102, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 231, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 231, 255); box-shadow:4px 4px 4px 4px rgb(102, 231, 255) }
```

Background

The CSS property to change the background color of an element to Android 4284934143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 231, 255) }
```

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

```
.background{ background-color: rgb(102,  
231, 255) }
```

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