

Converting Colors

Android(4286701567)

Have a look what the booklet for
Android(4286701567) contains.

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Color

Android(4286701567)

Conversions

Conversions Part 1

Format	Color
Hex	81DFFF
RGB	129, 223, 255
RGB Percent	51%, 87%, 100%
CMY	0.4941, 0.1255, 0.0000
CMYK	0.49, 0.13, 0.00, 0.00
HSL	195°, 100%, 75%
HSV	195°, 49%, 100%
XYZ	53.4909, 64.6625, 104.2696
YIQ	198.5420, -66.2960, -9.9760

Conversions

Conversions Part 2

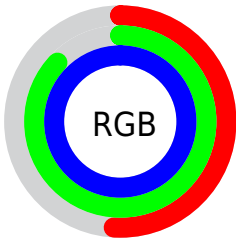
Format	Color
R _Y B	129, 183, 255
Decimal	8511487
CIE _{Lab}	84.31, -19.56, -24.19
CIE _{LCh}	84, 31.105, 231.040
Y _{xy}	64.6625, 0.2405, 0.2907
Android (android.graphics.Color)	4286701567 (0xFF81DFFF)
Y _{UV}	198.5420, 27.8338, -60.9883
Hunter-Lab	80.4130, -21.9840, -20.5908

Details

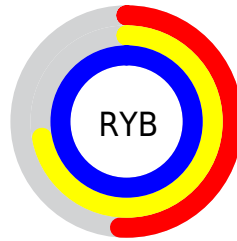
The Android color `4286701567` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4294943105`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4290576383`, and `4282624198` is the 20% darker color. If you saturate the color by 10%, you get `4285061631`, and if you desaturate by 10%, it is `4288407039`.

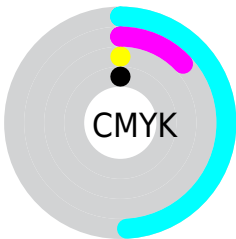
Distribution



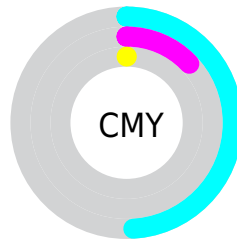
- Red (51%)
- Green (87%)
- Blue (100%)



- Red (51%)
- Yellow (72%)
- Blue (100%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286701567 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 4286701567 by changing the saturation by 10% instead.

 4286701567

 4286701567

4294967295

 4284728290

 4290576383

 4282624198

 4292542463

 4279930283

 4294508543

 4278219920

 4278213495

 4278207326

 4278201670

 4278196783

 4278190362

■ 4286701567

■ 4286701567

■ 4285061631

■ 4288407039

■ 4283355903

■ 4290047231

■ 4281715967

■ 4291752703

■ 4280010239

■ 4293392895

■ 4278370303

4294967295

■ 4278238975

Harmonies

Analogous

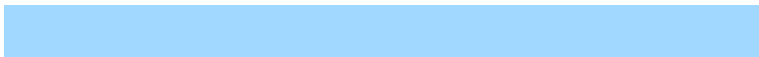
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286309350



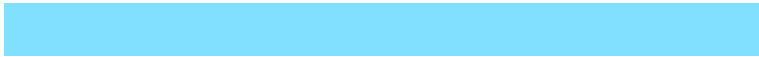
4286701567



4288796927

Triad

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



4286701567



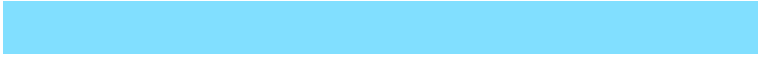
4294950620



4292007835

Complementary

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



4286701567



4294943105

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.



4293971353



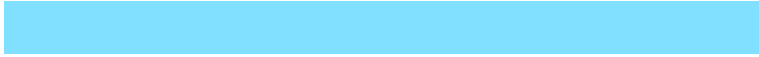
4286701567



4294950591

Square

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



4286701567



4293903608



4294952102



4289781421

Rectangle

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



4286701567



4290630143



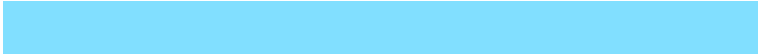
4294952102



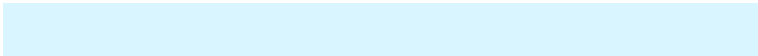
4292727961

Sweetspot

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



4286701567



4292474367



4286709665



4285102720



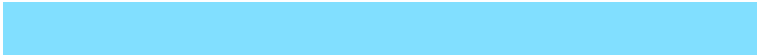
4278190080



4286611584

Same Dimension

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



4286701567



4285127167



4286685695



4285758592



4278226879



4278202432

Inverse Universe

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



4294935007



4294928857



4294959233



4286608252



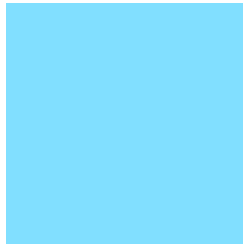
4290707599



4282384432

Previews

White Background



This preview shows how the Android color 4286701567 looks on a white background.

Color Contrast Check

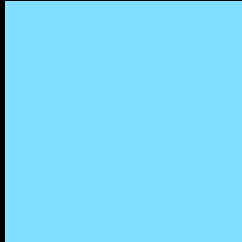
Large Text (above 18pt) WCAG AA × Fail

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 4286701567 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 4286701567 Background



This preview shows how black text looks on a background with the Android color 4286701567.



This preview shows how white text looks on a background with the Android color 4286701567.

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



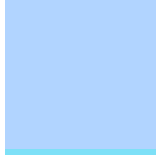
Trichromacy



Original Color
4286701567



Protanomaly
4289713656



Deuteranomaly
4289844479

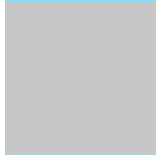


Tritanomaly
4286505207

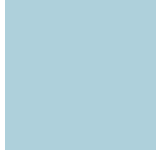
Monochromacy



Original Color
4286701567



Achromatopsia
4291282887



Achromatomaly
4289646811

CSS Examples

Text

The CSS property to change the color of the text to Android 4286701567 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(129, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(129, 223, 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(129, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 223, 255) }
```

Border

The CSS property to change the border of an element to Android 4286701567 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(129, 223, 255) }
```

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

```
.border{ border-color:rgb(129, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(129, 223,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4286701567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 223, 255) }
```

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

```
.background{ background-color: rgb(129,  
223, 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](#).

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