

Converting Colors

Android(4287102189)

Have a look what the booklet for
Android(4287102189) contains.

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Color

Android(4287102189)

Conversions

Conversions Part 1

Format	Color
Hex	87FCED
RGB	135, 252, 237
RGB Percent	53%, 99%, 93%
CMY	0.4706, 0.0118, 0.0706
CMYK	0.46, 0.00, 0.06, 0.01
HSL	172°, 95%, 76%
HSV	172°, 46%, 99%
XYZ	60.0881, 80.8861, 92.5664
YIQ	215.3070, -64.9170, -29.4690

Conversions

Conversions Part 2

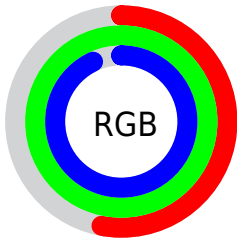
Format	Color
RYB	135, 198, 252
Decimal	8912109
CIELab	92.08, -36.74, -3.12
CIELCh	92, 36.870, 184.851
Yxy	80.8861, 0.2573, 0.3463
Android (android.graphics.Color)	4287102189 (0xFF87FCED)
YUV	215.3070, 10.6946, -70.4292
Hunter-Lab	89.9367, -38.1306, 1.9321

Details

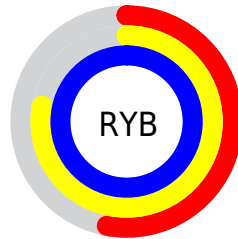
The Android color **4287102189** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **4294739862**, and the grayscale version is **4292335575**.

A 20% lighter version of the original color is **4290969599**, and **4283089845** is the 20% darker color. If you saturate the color by 10%, you get **4285463786**, and if you desaturate by 10%, it is **4288740592**.

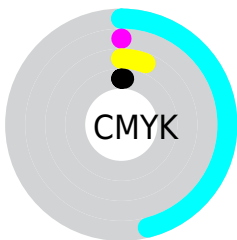
Distribution



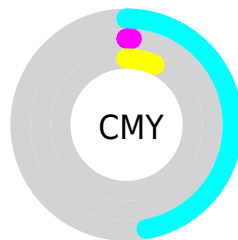
- Red (53%)
- Green (99%)
- Blue (93%)



- Red (53%)
- Yellow (78%)
- Blue (99%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (47%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287102189 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 4287102189 by changing the saturation by 10% instead.



4287102189



4287102189

4294967295



4285128657



4290969599



4283089845



4292935679



4280592282

4294901759



4278226304



4278219623



4278212943



4278206777



4278201123



4278193678

 4287102189

 4287102189

 4285463786

 4288740592

 4283825383

 4290378995

 4282121443

 4292082935

 4280483040

 4293721338

 4278844637

 4294966525

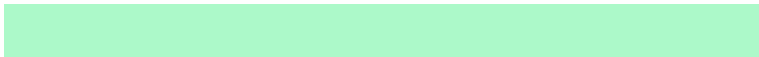
 4278254812

 4294966527

Harmonies

Analogous

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



4289526217



4287102189



4286118655

Triad

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



4287102189



4294303231



4294958249

Complementary

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



4287102189



4294739862

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.



4294955713



4287102189



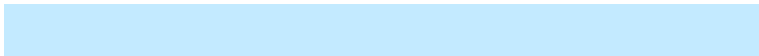
4294955775

Square

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



4287102189



4291029759



4294954724



4294764705

Rectangle

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



4287102189



4286969855



4294954724



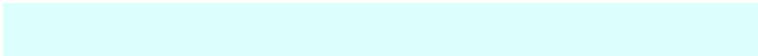
4294957232

Sweetspot

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



4287102189



4292607994



4288150663



4285169789



4278190080



4286611584

Same Dimension

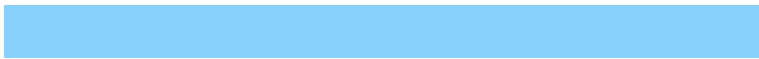
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4287102189



4285595629



4287091196



4285562235



4278238629



4278205749

Inverse Universe

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



4294739862



4294930563



4294750855



4286410866



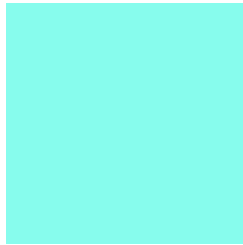
4290576408



4282187784

Previews

White Background



This preview shows how the Android color 4287102189 looks on a white background.

Color Contrast Check

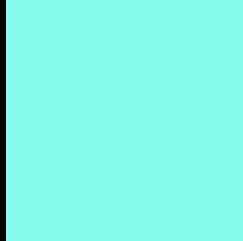
Large Text (above 18pt) WCAG AA × Fail

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 4287102189 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 4287102189 Background



This preview shows how black text looks on a background with the Android color 4287102189.

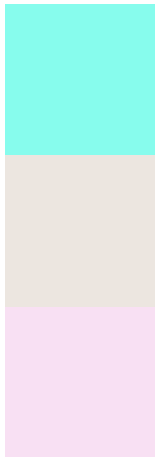


This preview shows how white text looks on a background with the Android color 4287102189.

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
4287102189

Protanopia
4293715680

Deuteranopia
4294500595



Tritanopia
4290114303

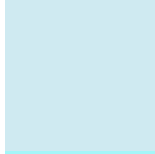
Trichromacy



Original Color
4287102189



Protanomaly
4291292901



Deuteranomaly
4291816177

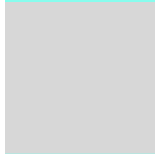


Tritanomaly
4289001208

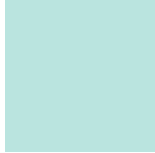
Monochromacy



Original Color
4287102189



Achromatopsia
4292335575



Achromatomaly
4290438367

CSS Examples

Text

The CSS property to change the color of the text to Android 4287102189 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(135, 252, 237)` looks like.

```
.text, #text, p{  
    color:rgb(135, 252, 237)  
}
```

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(135, 252, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 252, 237) }
```

Border

The CSS property to change the border of an element to Android 4287102189 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(135, 252, 237) }
```

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

```
.border{ border-color:rgb(135, 252, 237) }
```

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

Here you see how a box with a 4 pixel rgb(135, 252, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 252, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 252, 237);  
box-shadow:4px 4px 4px 4px rgb(135, 252,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4287102189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 252, 237) }
```

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

```
.background{ background-color: rgb(135,  
252, 237) }
```

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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