

Converting Colors

Android(4287087840)

Have a look what the booklet for
Android(4287087840) contains.

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Color

Android(4287087840)

Conversions

Conversions Part 1

Format	Color
Hex	87C4E0
RGB	135, 196, 224
RGB Percent	53%, 77%, 88%
CMY	0.4706, 0.2314, 0.1216
CMYK	0.40, 0.12, 0.00, 0.12
HSL	199°, 59%, 70%
HSV	199°, 40%, 88%
XYZ	43.1861, 50.0126, 77.8982
YIQ	180.9530, -45.3440, -4.2240

Conversions

Conversions Part 2

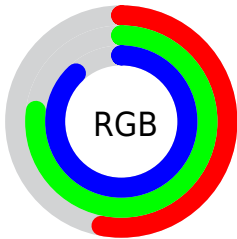
Format	Color
R_{YB}	135, 171, 224
Decimal	8897760
CIE _{Lab}	76.08, -12.49, -20.12
CIE _{LCh}	76, 23.686, 238.165
Yxy	50.0126, 0.2524, 0.2923
Android (android.graphics.Color)	4287087840 (0xFF87C4E0)
YUV	180.9530, 21.2222, -40.3008
Hunter-Lab	70.7196, -14.7551, -15.8048

Details

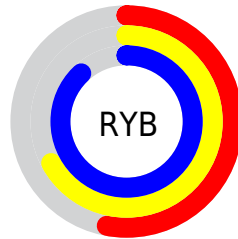
The Android color `4287087840` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4292912007`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4290772479`, and `4283469481` is the 20% darker color. If you saturate the color by 10%, you get `4285644256`, and if you desaturate by 10%, it is `4288531424`.

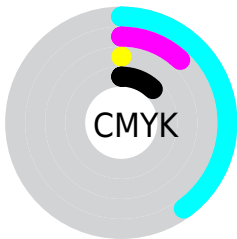
Distribution



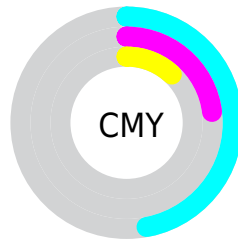
- Red (53%)
- Green (77%)
- Blue (88%)



- Red (53%)
- Yellow (67%)
- Blue (88%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287087840 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 4287087840 by changing the saturation by 10% instead.

 4287087840

 4287087840

4294967295

 4285245892

 4290772479

 4283469481

 4292673535

 4281628046

 4294574079

 4279327861

 4278207580

 4278201924

 4278196782

 4278190361

 4278190080

■ 4287087840

■ 4287087840

■ 4285644256

■ 4288531424

■ 4284135136

■ 4290040544

■ 4282691552

■ 4291484128

■ 4281182432

■ 4292993248

■ 4279738848

■ 4294436832

■ 4278295264

■ 4294962912

■ 4278229728

■ 4294964704

■ 4294966496

■ 4294967264

Harmonies

Analogous

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



4286498767



4287087840



4288724711

Triad

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



4287087840



4293307582



4290167189

Complementary

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



4287087840



4292912007

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.



4291672720



4287087840



4293438888

Square

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



4287087840



4292325587



4292850327



4288530084

Rectangle

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



4287087840



4290034149



4292850327



4290690706

Sweetspot

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



4287087840



4292933119



4287094946



4285430400



4278190080



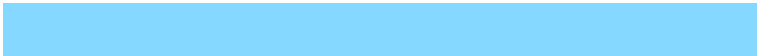
4286611584

Same Dimension

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



4287087840



4286961919



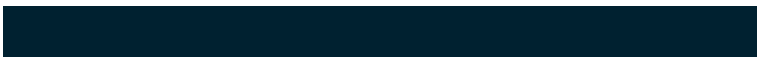
4287076832



4284837232



4278221232



4278198576

Inverse Universe

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



4292904900



4294936024



4292923015



4285556077



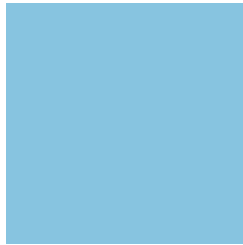
4289724537



4281335841

Previews

White Background



This preview shows how the Android color 4287087840 looks on a white background.

Color Contrast Check

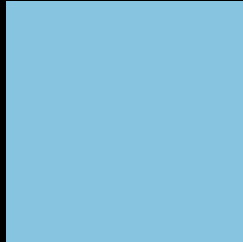
Large Text (above 18pt) WCAG AA × Fail

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 4287087840 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 4287087840 Background



This preview shows how black text looks on a background with the Android color 4287087840.



This preview shows how white text looks on a background with the Android color 4287087840.

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



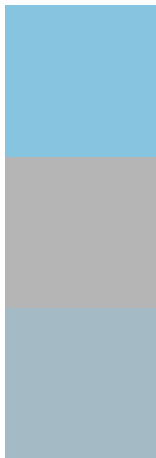
Original Color
4287087840

Protanomaly
4288986588

Deuteranomaly
4289182946

Tritanomaly
4286957018

Monochromacy



Original Color
4287087840

Achromatopsia
4290098613

Achromatomaly
4288985797

CSS Examples

Text

The CSS property to change the color of the text to Android 4287087840 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, 196, 224)` looks like.

```
.text, #text, p{  
    color:rgb(135, 196, 224)  
}
```

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, 196, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 196, 224) }
```

Border

The CSS property to change the border of an element to Android 4287087840 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, 196, 224) }
```

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

```
.border{ border-color:rgb(135, 196, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 196, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 196, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 196, 224);  
box-shadow:4px 4px 4px 4px rgb(135, 196,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4287087840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 196, 224) }
```

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

```
.background{ background-color: rgb(135,  
196, 224) }
```

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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