

Converting Colors

Android(4287088598)

Have a look what the booklet for
Android(4287088598) contains.

Android(4287088598)	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(4287088598)

Conversions

Conversions Part 1

Format	Color
Hex	87C7D6
RGB	135, 199, 214
RGB Percent	53%, 78%, 84%
CMY	0.4706, 0.2196, 0.1608
CMYK	0.37, 0.07, 0.00, 0.16
HSL	191°, 49%, 68%
HSV	191°, 37%, 84%
XYZ	42.5527, 50.8528, 71.1911
YIQ	181.5740, -42.9590, -8.9030

Conversions

Conversions Part 2

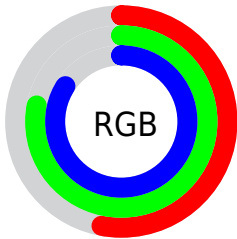
Format	Color
RYB	135, 170, 214
Decimal	8898518
CIELab	76.59, -16.59, -13.95
CIELCh	77, 21.678, 220.055
Yxy	50.8528, 0.2585, 0.3090
Android (android.graphics.Color)	4287088598 (0xFF87C7D6)
YUV	181.5740, 15.9860, -40.8454
Hunter-Lab	71.3111, -18.2802, -9.2724

Details

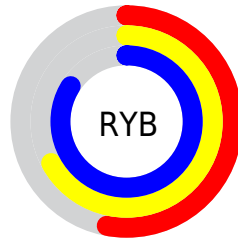
The Android color `4287088598` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292253319`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4290772991`, and `4283535775` is the 20% darker color. If you saturate the color by 10%, you get `4285711318`, and if you desaturate by 10%, it is `4288465878`.

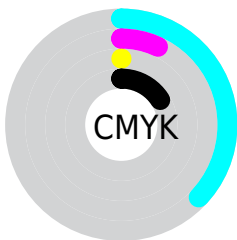
Distribution



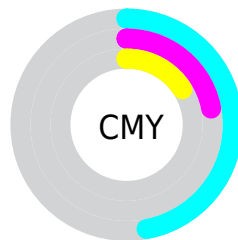
- Red (53%)
- Green (78%)
- Blue (84%)



- Red (53%)
- Yellow (67%)
- Blue (84%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287088598 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 4287088598 by changing the saturation by 10% instead.



4287088598



4287088598

4294967295



4285312186



4290772991



4283535775



4292673535



4281694085



4294574079



4279590508



4278208340



4278202428






4278197287



4278190354



4278190080

 4287088598	 4287088598
 4285711318	 4288465878
 4284268502	 4289908694
 4282891222	 4291285974
 4281448406	 4292728790
 4280071126	 4294106070
 4278693846	 4294959062
 4278234582	 4294960086
	 4294961366
	 4294962390

Harmonies

Analogous

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



4287220163



4287088598



4288070626

Triad

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



4287088598



4292718795



4291149462

Complementary

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



4287088598



4292253319

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.



4292392856



4287088598



4293308343

Square

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



4287088598



4291409628



4293177764



4289709214

Rectangle

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



4287088598



4289118181



4293177764



4291607701

Sweetspot

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



4287088598



4293131007



4287092373



4285496448



4278190080



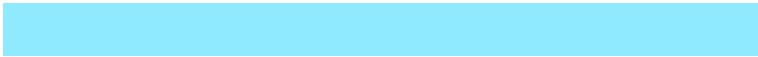
4286611584

Same Dimension

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



4287088598



4287621887



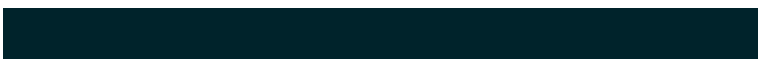
4287078614



4284508523



4278225579



4278199083

Inverse Universe

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



4292249543



4294938602



4292263303



4285227113



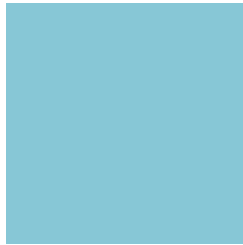
4289396874



4281008163

Previews

White Background



This preview shows how the Android color 4287088598 looks on a white background.

Color Contrast Check

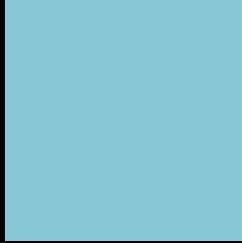
Large Text (above 18pt) WCAG AA × Fail

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 4287088598 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 4287088598 Background



This preview shows how black text looks on a background with the Android color 4287088598.



This preview shows how white text looks on a background with the Android color 4287088598.

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



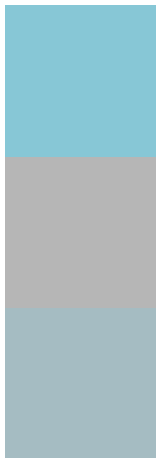
Original Color
4287088598

Protanomaly
4289183697

Deuteranomaly
4289510872

Tritanomaly
4287088599

Monochromacy



Original Color
4287088598

Achromatopsia
4290164406

Achromatomaly
4289051842

CSS Examples

Text

The CSS property to change the color of the text to Android 4287088598 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, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(135, 199, 214)  
}
```

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, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 199, 214) }
```

Border

The CSS property to change the border of an element to Android 4287088598 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, 199, 214) }
```

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

```
.border{ border-color:rgb(135, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(135, 199,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4287088598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 199, 214) }
```

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

```
.background{ background-color: rgb(135,  
199, 214) }
```

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