

Converting Colors

Android(4287092430)

Have a look what the booklet for
Android(4287092430) contains.

Android(4287092430)	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(4287092430)

Conversions

Conversions Part 1

Format	Color
Hex	87D6CE
RGB	135, 214, 206
RGB Percent	53%, 84%, 81%
CMY	0.4706, 0.1608, 0.1922
CMYK	0.37, 0.00, 0.04, 0.16
HSL	174°, 49%, 68%
HSV	174°, 37%, 84%
XYZ	45.1788, 57.7003, 67.1486
YIQ	189.4670, -44.5160, -19.2360

Conversions

Conversions Part 2

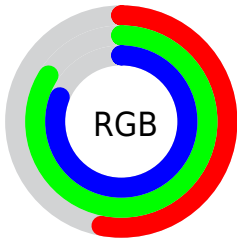
Format	Color
RYB	135, 177, 214
Decimal	8902350
CIELab	80.57, -26.04, -3.73
CIElCh	81, 26.311, 188.160
Yxy	57.7003, 0.2657, 0.3394
Android (android.graphics.Color)	4287092430 (0xFF87D6CE)
YUV	189.4670, 8.1508, -47.7676
Hunter-Lab	75.9607, -26.7655, 0.7606

Details

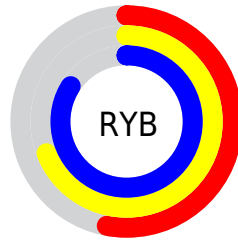
The Android color `4287092430` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292249487`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4290772991`, and `4283473816` is the 20% darker color. If you saturate the color by 10%, you get `4285716172`, and if you desaturate by 10%, it is `4288468688`.

Distribution



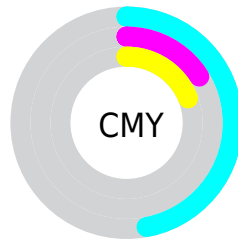
- Red (53%)
- Green (84%)
- Blue (81%)



- Red (53%)
- Yellow (69%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287092430 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 4287092430 by changing the saturation by 10% instead.

 4287092430

 4287092430

4294967295

 4285315763

 4290772991

 4283473816

 4292673535

 4281632126

 4294574079

 4279331685

 4278211405

 4278205238

 4278199585

 4278191115

 4278190080

 4287092430

 4287092430

 4285716172

 4288468688

 4284274378

 4289910482

 4282898119

 4291286741

 4281456325

 4292728535

 4280080067

 4294104793

 4278703809

 4294956763

 4278245056

 4294956765

 4294956767

 4294956770

Harmonies

Analogous

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



4288468149



4287092430



4286764261

Triad

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



4287092430



4292132847



4293574811

Complementary

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



4287092430



4292249487

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.



4294490539



4287092430



4293769691

Square

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



4287092430



4290038008



4294620866



4292069527

Rectangle

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



4287092430



4287418865



4294620866



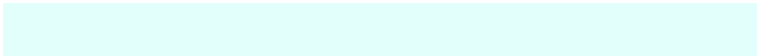
4293967519

Sweetspot

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



4287092430



4293132284



4287682183



4285497470



4278190080



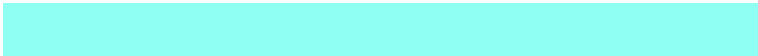
4286611584

Same Dimension

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



4287092430



4287627252



4287084758



4284509034



4278234010



4278201127

Inverse Universe

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



4292249487



4294938522



4292257159



4285227105



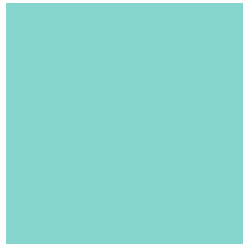
4289396753



4281008132

Previews

White Background



This preview shows how the Android color 4287092430 looks on a white background.

Color Contrast Check

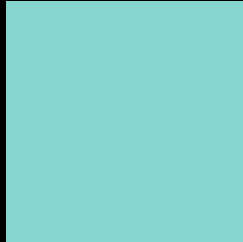
Large Text (above 18pt) WCAG AA × Fail

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 4287092430 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 4287092430 Background



This preview shows how black text looks on a background with the Android color 4287092430.

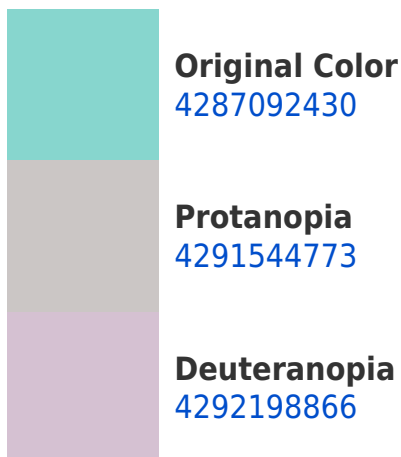


This preview shows how white text looks on a background with the Android color 4287092430.

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



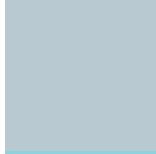
Original Color

4287092430



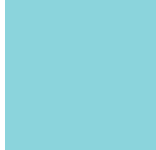
Protanomaly

4289907912



Deuteranomaly

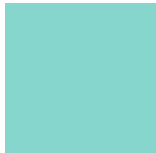
4290365905



Tritanomaly

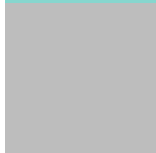
4287354076

Monochromacy



Original Color

4287092430



Achromatopsia

4290624957



Achromatomaly

4289316547

CSS Examples

Text

The CSS property to change the color of the text to Android 4287092430 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, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(135, 214, 206)  
}
```

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, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 214, 206) }
```

Border

The CSS property to change the border of an element to Android 4287092430 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, 214, 206) }
```

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

```
.border{ border-color:rgb(135, 214, 206) }
```

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

Here you see how a box with a 4 pixel rgb(135, 214, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(135, 214,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4287092430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 214, 206) }
```

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

```
.background{ background-color: rgb(135,  
214, 206) }
```

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