

Converting Colors

Android(4284212936)

Have a look what the booklet for
Android(4284212936) contains.

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Color

Android(4284212936)

Conversions

Conversions Part 1

Format	Color
Hex	5BE6C8
RGB	91, 230, 200
RGB Percent	36%, 90%, 78%
CMY	0.6431, 0.0980, 0.2157
CMYK	0.60, 0.00, 0.13, 0.10
HSL	167°, 74%, 63%
HSV	167°, 60%, 90%
XYZ	43.0365, 62.9879, 64.5332
YIQ	185.0190, -73.2140, -38.7980

Conversions

Conversions Part 2

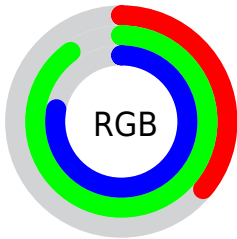
Format	Color
RYB	91, 169, 230
Decimal	6022856
CIELab	83.44, -44.66, 3.44
CIElCh	83, 44.791, 175.591
Yxy	62.9879, 0.2523, 0.3693
Android (android.graphics.Color)	4284212936 (0xFF5BE6C8)
YUV	185.0190, 7.3856, -82.4547
Hunter-Lab	79.3649, -42.0950, 7.3456

Details

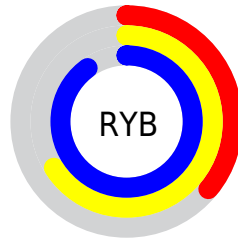
The Android color `4284212936` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted cyan. A complement of this color would be `4293286777`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4288282623`, and `4278234770` is the 20% darker color. If you saturate the color by 10%, you get `4282705603`, and if you desaturate by 10%, it is `4285720269`.

Distribution



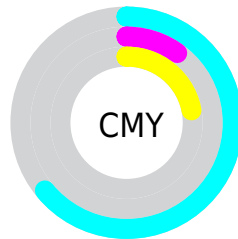
- Red (36%)
- Green (90%)
- Blue (78%)



- Red (36%)
- Yellow (66%)
- Blue (90%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284212936 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 4284212936 by changing the saturation by 10% instead.



4284212936



4284212936

4294967295



4281846189



4288282623



4278234770



4290248703



4278227576



4292280319



4278220896



4294246399



4278214216



4278208050



4278202141



4278195203




4278190080

 4284212936

 4284212936

 4282705603

 4285720269

 4281198270


 4287227602

 4279690937

 4288734935

 4278249140

 4290242268

 4291749601

 4293256934

 4294764267

 4294960880

 4294960885

Harmonies

Analogous

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



4288012703



4284212936



4278707955

Triad

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



4284212936



4291610623



4294950284

Complementary

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



4284212936



4293286777

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.



4294947246



4284212936



4294949119

Square

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



4284212936



4287092479



4294946776



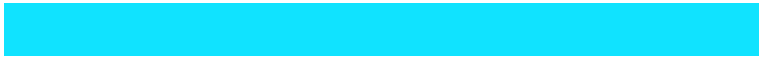
4294036347

Rectangle

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



4284212936



4279297023



4294946776



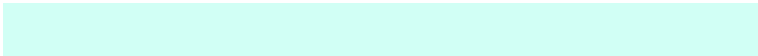
4294949014

Sweetspot

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



4284212936



4291952629



4286178907



4284711033



4278190080



4286611584

Same Dimension

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



4284212936



4282777559



4284202982



4284969840



4278236044



4278203176

Inverse Universe

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



4293286777



4294919533



4293296731



4285753194



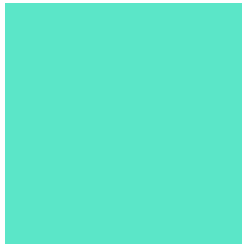
4289921063



4281532427

Previews

White Background



This preview shows how the Android color 4284212936 looks on a white background.

Color Contrast Check

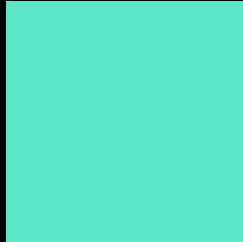
Large Text (above 18pt) WCAG AA × Fail

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 4284212936 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

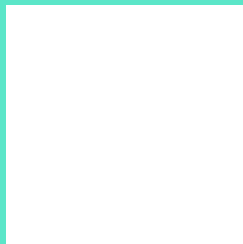
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284212936 Background



This preview shows how black text looks on a background with the Android color 4284212936.



This preview shows how white text looks on a background with the Android color 4284212936.

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



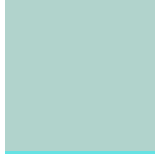
Original Color

4284212936



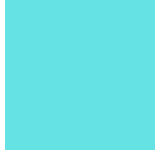
Protanomaly

4289386432



Deuteranomaly

4289844172



Tritanomaly

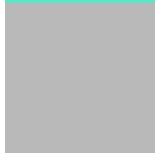
4284867299

Monochromacy



Original Color

4284212936



Achromatopsia

4290361785



Achromatomaly

4288137662

CSS Examples

Text

The CSS property to change the color of the text to Android 4284212936 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(91, 230, 200)` looks like.

```
.text, #text, p{  
    color:rgb(91, 230, 200)  
}
```

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(91, 230, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 230, 200) }
```

Border

The CSS property to change the border of an element to Android 4284212936 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(91, 230, 200) }
```

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

```
.border{ border-color:rgb(91, 230, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 230, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 230, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 230, 200);  
box-shadow:4px 4px 4px 4px rgb(91, 230,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4284212936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 230, 200) }
```

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

```
.background{ background-color: rgb(91, 230,  
200) }
```

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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