

Converting Colors

Android(4284016810)

Have a look what the booklet for
Android(4284016810) contains.

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Color

Android(4284016810)

Conversions

Conversions Part 1

Format	Color
Hex	58E8AA
RGB	88, 232, 170
RGB Percent	35%, 91%, 67%
CMY	0.6549, 0.0902, 0.3333
CMYK	0.62, 0.00, 0.27, 0.09
HSL	154°, 76%, 63%
HSV	154°, 62%, 91%
XYZ	40.1368, 62.6902, 48.0152
YIQ	181.8760, -65.9220, -49.8100

Conversions

Conversions Part 2

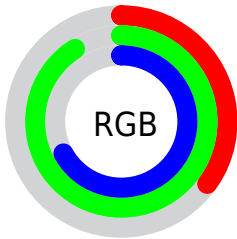
Format	Color
RYB	88, 180, 232
Decimal	5826730
CIELab	83.28, -52.81, 18.94
CIELCh	83, 56.100, 160.269
Yxy	62.6902, 0.2661, 0.4156
Android (android.graphics.Color)	4284016810 (0xFF58E8AA)
YUV	181.8760, -5.8549, -82.3293
Hunter-Lab	79.1772, -48.0740, 19.4689

Details

The Android color **4284016810** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **4293417110**, and the grayscale version is **4290164406**.

A 20% lighter version of the original color is **4288085985**, and **4278234998** is the 20% darker color. If you saturate the color by 10%, you get **4282509472**, and if you desaturate by 10%, it is **4285524148**.

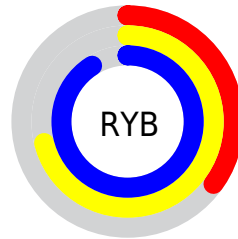
Distribution



Red (35%)

Green (91%)

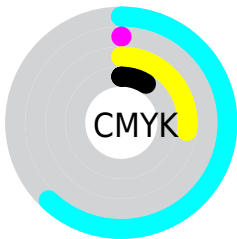
Blue (67%)



Red (35%)

Yellow (71%)

Blue (91%)

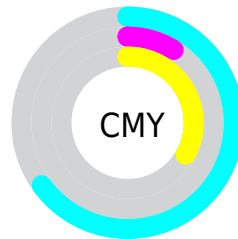


Cyan (62%)

Magenta (0%)

Yellow (27%)

Black (9%)



Cyan (65%)

Magenta (9%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284016810 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 4284016810 by changing the saturation by 10% instead.



4284016810



4284016810

4294967295



4281650063



4288085985



4278234998



4290052094



4278228061



4292083711



4278221125



4294049791



4278214446



4278208025



4278202368



4278195200



4278190080

 4284016810

 4284016810

 4282509472

 4285524148

 4281002134


 4287031486

 4279429260

 4288604360

 4278249604

 4290111698

 4291619036

 4293126374

 4294633712

 4294961402

 4294961407

Harmonies

Analogous

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



4288995452



4284016810



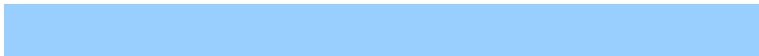
4278250465

Triad

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



4284016810



4288270335



4294946446

Complementary

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



4284016810



4293417110

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.



4294943935



4284016810



4293704703

Square

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



4284016810



4278247423



4294945268



4294951019

Rectangle

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



4284016810



4278249983



4294945268



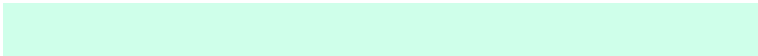
4294945181

Sweetspot

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



4284016810



4291821546



4288079960



4284645491



4278190080



4286611584

Same Dimension

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



4284016810



4282580910



4284014312



4284969838



4278236006



4278203165

Inverse Universe

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



4293417110



4294918804



4293419608



4285753196



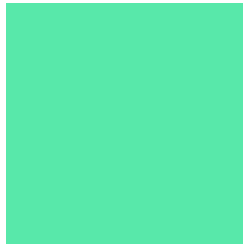
4289921101



4281532438

Previews

White Background



This preview shows how the Android color 4284016810 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 4284016810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

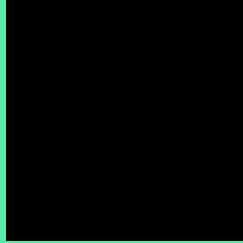
Any Text WCAG AA ✓ Pass

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 4284016810 Background



This preview shows how black text looks on a background with the Android color 4284016810.

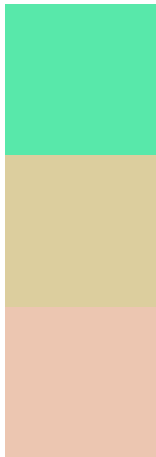


This preview shows how white text looks on a background with the Android color 4284016810.

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
4284016810

Protanopia
4292660894

Deuteranopia
4293707441

Trichromacy



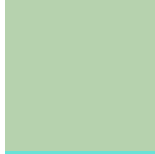
Original Color

4284016810



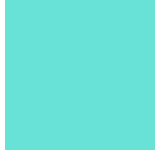
Protanomaly

4289517474



Deuteranomaly

4290171566



Tritanomaly

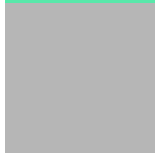
4285063895

Monochromacy



Original Color

4284016810



Achromatopsia

4290164406



Achromatomaly

4287940786

CSS Examples

Text

The CSS property to change the color of the text to Android 4284016810 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(88, 232, 170)` looks like.

```
.text, #text, p{  
    color:rgb(88, 232, 170)  
}
```

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(88, 232, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 232, 170) }
```

Border

The CSS property to change the border of an element to Android 4284016810 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(88, 232, 170) }
```

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

```
.border{ border-color:rgb(88, 232, 170) }
```

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

Here you see how a box with a 4 pixel rgb(88, 232, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 232, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 232, 170);  
box-shadow:4px 4px 4px 4px rgb(88, 232,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4284016810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 232, 170) }
```

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

```
.background{ background-color: rgb(88, 232,  
170) }
```

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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