

Converting Colors

Android(4285852110)

Have a look what the booklet for
Android(4285852110) contains.

Android(4285852110)	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(4285852110)

Conversions

Conversions Part 1

Format	Color
Hex	74E9CE
RGB	116, 233, 206
RGB Percent	45%, 91%, 81%
CMY	0.5451, 0.0863, 0.1922
CMYK	0.50, 0.00, 0.12, 0.09
HSL	166°, 73%, 68%
HSV	166°, 50%, 91%
XYZ	47.4820, 66.4471, 68.7155
YIQ	194.9390, -61.0650, -33.2010

Conversions

Conversions Part 2

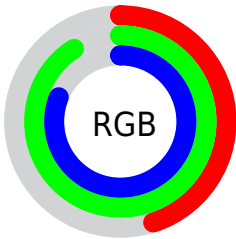
Format	Color
RYB	116, 182, 233
Decimal	7662030
CIELab	85.22, -39.58, 2.97
CIElCh	85, 39.687, 175.705
Yxy	66.4471, 0.2600, 0.3638
Android (android.graphics.Color)	4285852110 (0xFF74E9CE)
YUV	194.9390, 5.4531, -69.2295
Hunter-Lab	81.5151, -38.6764, 7.0803

Details

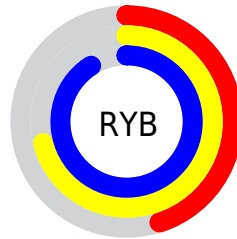
The Android color `4285852110` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293489807`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4289724415`, and `4281708952` is the 20% darker color. If you saturate the color by 10%, you get `4284344777`, and if you desaturate by 10%, it is `4287359443`.

Distribution



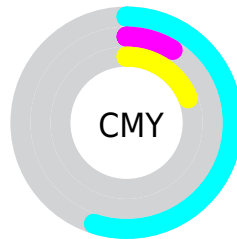
- Red (45%)
- Green (91%)
- Blue (81%)



- Red (45%)
- Yellow (71%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285852110 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 4285852110 by changing the saturation by 10% instead.

 4285852110


 4285852110

4294967295

 4283878835

 4289724415

 4281708952

 4291624959

 4278228606

 4293591039

 4278221669

 4278215245

 4278208822

 4278202657

 4278197003

 4278190080

 4285852110

 4285852110

 4284344777

 4287359443


 4282771907

 4288932313

 4281264574

 4290439646

 4279757240

 4291946980

 4278249907

 4293519849

 4294961646

 4294961652

 4294961657

 4294961662

Harmonies

Analogous

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



4288800169



4285852110



4283623924

Triad

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



4285852110



4292005375



4294952088

Complementary

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



4285852110



4293489807

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.



4294949558



4285852110



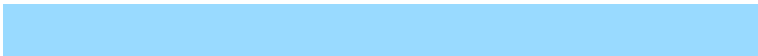
4294951167

Square

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



4285852110



4288273151



4294949340



4294234506

Rectangle

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



4285852110



4283885311



4294949340



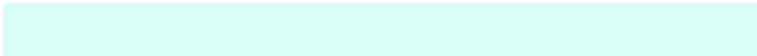
4294951073

Sweetspot

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



4285852110



4292476918



4287621492



4285104250



4278190080



4286611584

Same Dimension

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



4285852110



4284940252



4285844201



4285166963



4278236555



4278203945

Inverse Universe

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



4293489807



4294928009



4293497716



4285885036



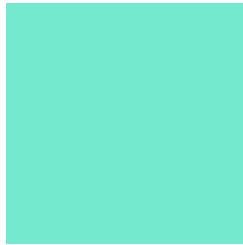
4290052138



4281729036

Previews

White Background



This preview shows how the Android color 4285852110 looks on a white background.

Color Contrast Check

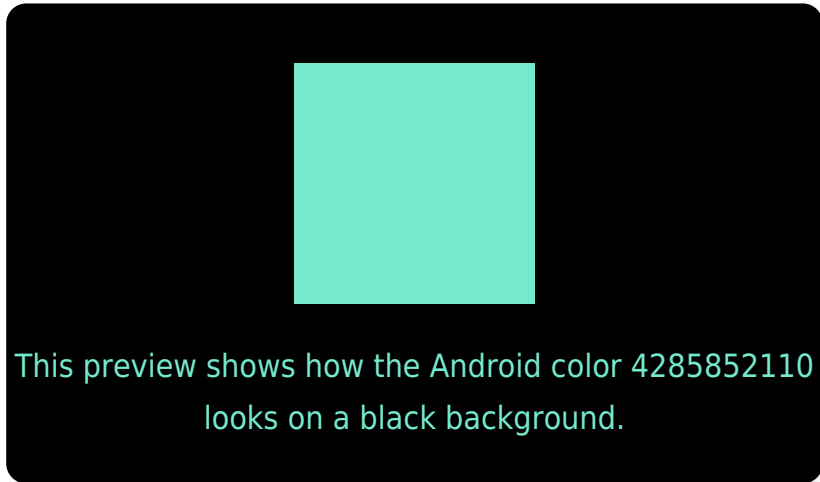
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4285852110 Background



This preview shows how black text looks on a background with the Android color 4285852110.



This preview shows how white text looks on a background with the Android color 4285852110.

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



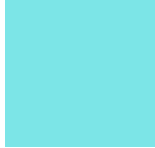
Original Color
4285852110



Protanomaly
4290173894



Deuteranomaly
4290697170

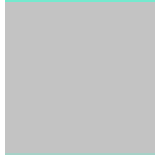


Tritanomaly
4286375399

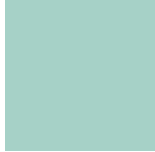
Monochromacy



Original Color
4285852110



Achromatopsia
4291019715



Achromatomaly
4289122759

CSS Examples

Text

The CSS property to change the color of the text to Android 4285852110 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(116, 233, 206)` looks like.

```
.text, #text, p{  
    color:rgb(116, 233, 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(116, 233, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 233, 206) }
```

Border

The CSS property to change the border of an element to Android 4285852110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

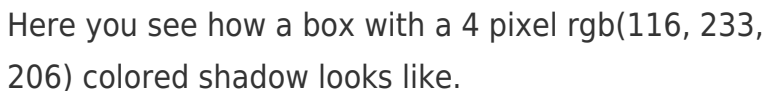
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 233, 206) }
```

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

```
.border{ border-color:rgb(116, 233, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 233, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 233, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 233, 206); box-shadow:4px 4px 4px 4px rgb(116, 233, 206) }
```

Background

The CSS property to change the background color of an element to Android 4285852110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 233, 206) }
```

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

```
.background{ background-color: rgb(116,  
233, 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