

Converting Colors

Android(4285852096)

Have a look what the booklet for
Android(4285852096) contains.

Android(4285852096)	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(4285852096)

Conversions

Conversions Part 1

Format	Color
Hex	74E9C0
RGB	116, 233, 192
RGB Percent	45%, 91%, 75%
CMY	0.5451, 0.0863, 0.2471
CMYK	0.50, 0.00, 0.18, 0.09
HSL	159°, 73%, 68%
HSV	159°, 50%, 91%
XYZ	45.8558, 65.7966, 60.1523
YIQ	193.3430, -56.5710, -37.5550

Conversions

Conversions Part 2

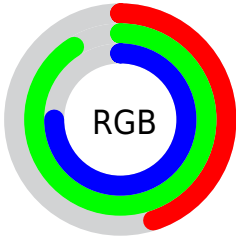
Format	Color
RYB	116, 187, 233
Decimal	7662016
CIELab	84.89, -42.73, 9.85
CIELCh	85, 43.849, 167.024
Yxy	65.7966, 0.2669, 0.3830
Android (android.graphics.Color)	4285852096 (0xFF74E9C0)
YUV	193.3430, -0.6621, -67.8298
Hunter-Lab	81.1151, -41.0422, 12.8130

Details

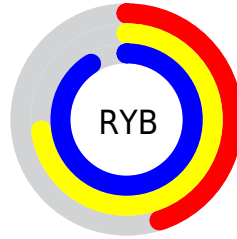
The Android color `4285852096` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293489821`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4289658872`, and `4281774475` is the 20% darker color. If you saturate the color by 10%, you get `4284344760`, and if you desaturate by 10%, it is `4287359432`.

Distribution



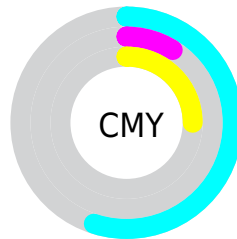
- Red (45%)
- Green (91%)
- Blue (75%)



- Red (45%)
- Yellow (73%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285852096 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 4285852096 by changing the saturation by 10% instead.

 4285852096

 4285852096

4294967295

 4283878565

 4289658872

 4281774475

 4291624959

 4278293873

 4293591039

 4278221657

 4278214977

 4278208811

 4278202646

 4278196736

 4278190080

 4285852096

 4285852096

 4284344760

 4287359432

 4282771888

 4288932304

 4281264552

 4290439640

 4279757215

 4291946977

 4278249879

 4293519849

 4294961649

 4294961657

 4294961663

Harmonies

Analogous

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



4289323930



4285852096



4281985771

Triad

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



4285852096



4290695423



4294950297

Complementary

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



4285852096



4293489821

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.



4294948030



4285852096



4294361599

Square

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



4285852096



4286176767



4294948584



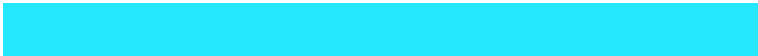
4294953859

Rectangle

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



4285852096



4280674559



4294948584



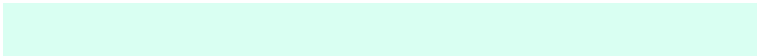
4294949284

Sweetspot

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



4285852096



4292476914



4288670068



4285104247



4278190080



4286611584

Same Dimension

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



4285852096



4284940233



4285848041



4285166961



4278236534



4278203939

Inverse Universe

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



4293489821



4294928028



4293493876



4285885038



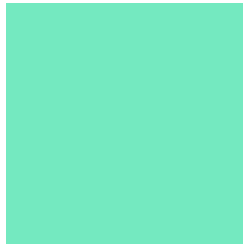
4290052159



4281729043

Previews

White Background



This preview shows how the Android color 4285852096 looks on a white background.

Color Contrast Check

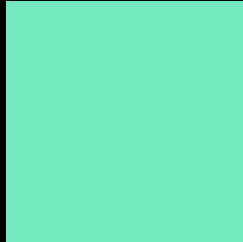
Large Text (above 18pt) WCAG AA × Fail

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 4285852096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

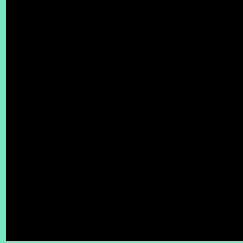
Any Text WCAG AA ✓ Pass

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 4285852096 Background



This preview shows how black text looks on a background with the Android color 4285852096.



This preview shows how white text looks on a background with the Android color 4285852096.

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

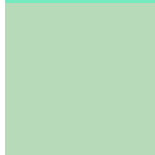


Trichromacy



Original Color

4285852096



Protanomaly

4290239160



Deuteranomaly

4290827972



Tritanomaly

4286506465

Monochromacy



Original Color

4285852096



Achromatopsia

4290888129



Achromatomaly

4289056961

CSS Examples

Text

The CSS property to change the color of the text to Android 4285852096 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(116, 233, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 233, 192) }
```

Border

The CSS property to change the border of an element to Android 4285852096 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, 192) }
```

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

```
.border{ border-color:rgb(116, 233, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 233, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 233, 192);  
box-shadow:4px 4px 4px 4px rgb(116, 233,  
192) }
```

Background

The CSS property to change the background color of an element to Android 4285852096 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, 192) }
```

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

```
.background{ background-color: rgb(116,  
233, 192) }
```

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