

Converting Colors

Android(4286702306)

Have a look what the booklet for
Android(4286702306) contains.

Android(4286702306)	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(4286702306)

Conversions

Conversions Part 1

Format	Color
Hex	81E2E2
RGB	129, 226, 226
RGB Percent	51%, 89%, 89%
CMY	0.4941, 0.1137, 0.1137
CMYK	0.43, 0.00, 0.00, 0.11
HSL	180°, 63%, 70%
HSV	180°, 43%, 89%
XYZ	49.9771, 64.5508, 81.7770
YIQ	196.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

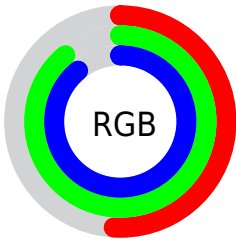
Format	Color
RYB	129, 178, 226
Decimal	8512226
CIELab	84.25, -28.55, -8.95
CIELCh	84, 29.924, 197.402
Yxy	64.5508, 0.2546, 0.3288
Android (android.graphics.Color)	4286702306 (0xFF81E2E2)
YUV	196.9970, 14.2985, -59.6334
Hunter-Lab	80.3435, -29.5666, -4.1074

Details

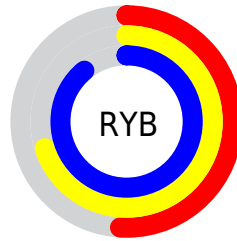
The Android color `4286702306` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293034369`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4290510847`, and `4282821291` is the 20% darker color. If you saturate the color by 10%, you get `4285194978`, and if you desaturate by 10%, it is `4288209634`.

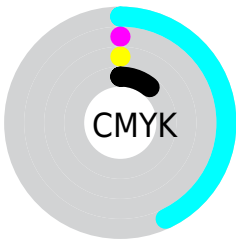
Distribution



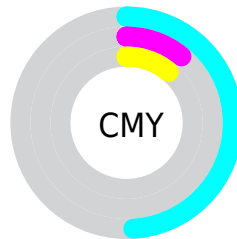
- Red (51%)
- Green (89%)
- Blue (89%)



- Red (51%)
- Yellow (70%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286702306 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 4286702306 by changing the saturation by 10% instead.

 4286702306

 4286702306

4294967295

 4284794566

 4290510847

 4282821291

 4292411391

 4280586384

 4294377471

 4278220407

 4278213982

 4278207814

 4278201904

 4278196251

 4278190080

 4286702306

 4286702306


 4285194978

 4288209634

 4283753186

 4289651426

 4282245858

 4291158754

 4280804066

 4292600546

 4279296738

 4294107874

 4278248162

 4294959842

Harmonies

Analogous

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



4288143813



4286702306



4286832635

Triad

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



4286702306



4293641721



4294102172

Complementary

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



4286702306



4293034369

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.



4294951850



4286702306



4294950879

Square

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



4286702306



4291219455



4294950595



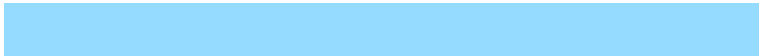
4292269724

Rectangle

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



4286702306



4287945727



4294950595



4294560159

Sweetspot

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



4286702306



4292804607



4286702209



4285235328



4278190080



4286611584

Same Dimension

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



4286702306



4286251007



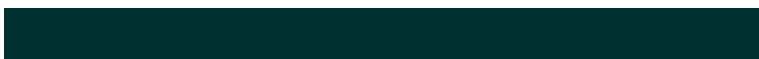
4286690018



4284838000



4278235312



4278202416

Inverse Universe

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



4293034466



4294933247



4293046913



4285556080



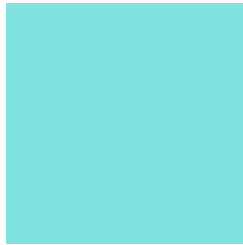
4289724592



4281335856

Previews

White Background



This preview shows how the Android color 4286702306 looks on a white background.

Color Contrast Check

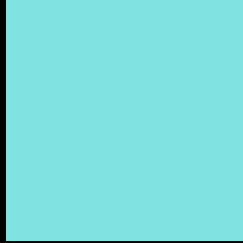
Large Text (above 18pt) WCAG AA × Fail

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 4286702306 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 4286702306 Background



This preview shows how black text looks on a background with the Android color 4286702306.

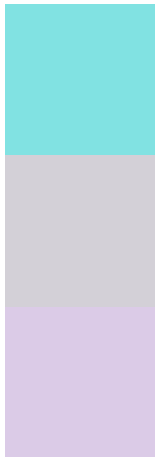


This preview shows how white text looks on a background with the Android color 4286702306.

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
4286702306

Protanopia
4292071639

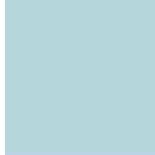
Deuteranopia
4292594663

Trichromacy



Original Color

4286702306



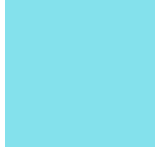
Protanomaly

4290107355



Deuteranomaly

4290434021



Tritanomaly

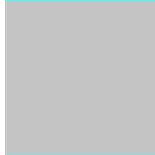
4286898668

Monochromacy



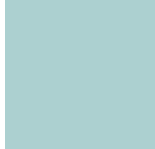
Original Color

4286702306



Achromatopsia

4291151301



Achromatomaly

4289515728

CSS Examples

Text

The CSS property to change the color of the text to Android 4286702306 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(129, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(129, 226, 226)  
}
```

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(129, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 226, 226) }
```

Border

The CSS property to change the border of an element to Android 4286702306 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(129, 226, 226) }
```

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

```
.border{ border-color:rgb(129, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 226, 226); box-shadow:4px 4px 4px 4px rgb(129, 226, 226) }
```

Background

The CSS property to change the background color of an element to Android 4286702306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 226, 226) }
```

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

```
.background{ background-color: rgb(129,  
226, 226) }
```

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