

Converting Colors

Android(4286247637)

Have a look what the booklet for
Android(4286247637) contains.

Android(4286247637)	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(4286247637)

Conversions

Conversions Part 1

Format	Color
Hex	7AF2D5
RGB	122, 242, 213
RGB Percent	48%, 95%, 84%
CMY	0.5216, 0.0510, 0.1647
CMYK	0.50, 0.00, 0.12, 0.05
HSL	166°, 82%, 71%
HSV	166°, 50%, 95%
XYZ	51.7884, 72.4459, 74.2047
YIQ	202.8140, -62.2110, -34.4590

Conversions

Conversions Part 2

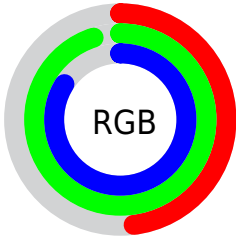
Format	Color
R_{YB}	122, 190, 242
Decimal	8057557
CIE _{Lab}	88.18, -40.68, 3.62
CIE _{LCh}	88, 40.841, 174.912
Yxy	72.4459, 0.2610, 0.3651
Android (android.graphics.Color)	4286247637 (0xFF7AF2D5)
YUV	202.8140, 5.0217, -70.8739
Hunter-Lab	85.1152, -40.3431, 7.8907

Details

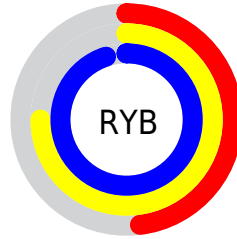
The Android color `4286247637` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294081175`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4290117631`, and `4282104222` is the 20% darker color. If you saturate the color by 10%, you get `4284674767`, and if you desaturate by 10%, it is `4287820507`.

Distribution



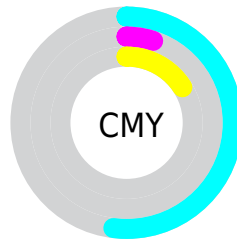
- Red (48%)
- Green (95%)
- Blue (84%)



- Red (48%)
- Yellow (75%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (52%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286247637 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 4286247637 by changing the saturation by 10% instead.

 4286247637

 4286247637

4294967295

 4284274105

 4290117631

 4282104222

 4292083711

 4278951556

 4294049791

 4278223723

 4278217043

 4278210620

 4278204454

 4278199314

 4278190080

 4286247637

 4286247637

 4284674767

 4287820507

 4283101897

 4289393377

 4281463491

 4291031783

 4279890622

 4292604652

 4278317752

 4294177522

 4278252216

 4294963960

 4294963966

 4294963967

Harmonies

Analogous

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



4289326767



4286247637



4283888381

Triad

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



4286247637



4292466431



4294953887

Complementary

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



4286247637



4294081175

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.



4294951614



4286247637



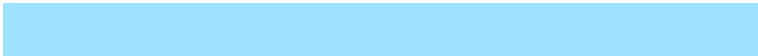
4294953215

Square

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



4286247637



4288537599



4294951141



4294891920

Rectangle

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



4286247637



4284084223



4294951141



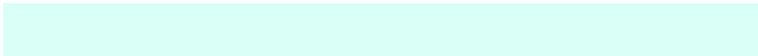
4294952872

Sweetspot

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



4286247637



4292476918



4288213626



4285104250



4278190080



4286611584

Same Dimension

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



4286247637



4284940250



4286239986



4285298805



4278237323



4278204459

Inverse Universe

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



4294081175



4294928011



4294088826



4286082159



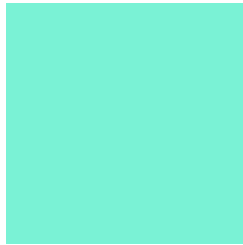
4290248748



4281860110

Previews

White Background



This preview shows how the Android color 4286247637 looks on a white background.

Color Contrast Check

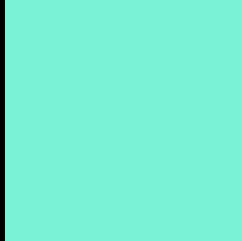
Large Text (above 18pt) WCAG AA × Fail

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 4286247637 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 4286247637 Background



This preview shows how black text looks on a background with the Android color 4286247637.

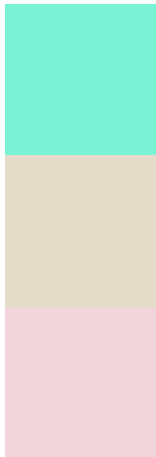


This preview shows how white text looks on a background with the Android color 4286247637.

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
4286247637

Protanopia
4293188553

Deuteranopia
4294039003



Tritanopia
4287098111

Trichromacy



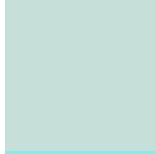
Original Color

4286247637



Protanomaly

4290634701



Deuteranomaly

4291223769



Tritanomaly

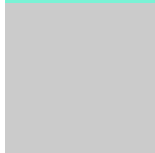
4286770928

Monochromacy



Original Color

4286247637



Achromatopsia

4291546059



Achromatomaly

4289649103

CSS Examples

Text

The CSS property to change the color of the text to Android 4286247637 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(122, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(122, 242, 213)  
}
```

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(122, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 242, 213) }
```

Border

The CSS property to change the border of an element to Android 4286247637 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(122, 242, 213) }
```

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

```
.border{ border-color:rgb(122, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(122, 242,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4286247637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 242, 213) }
```

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

```
.background{ background-color: rgb(122,  
242, 213) }
```

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