

# Converting Colors

Android(4286042286)

Have a look what the booklet for  
Android(4286042286) contains.

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**Color**

**Android(4286042286)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77D0AE
RGB	119, 208, 174
RGB Percent	47%, 82%, 68%
CMY	0.5333, 0.1843, 0.3176
CMYK	0.43, 0.00, 0.16, 0.18
HSL	157°, 49%, 64%
HSV	157°, 43%, 82%
XYZ	37.8036, 52.0897, 48.1063
YIQ	177.5130, -42.1300, -29.4420

# Conversions

## Conversions Part 2

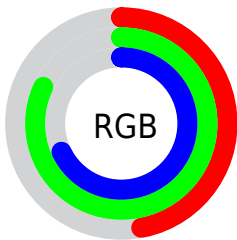
Format	Color
<a href="#">RYB</a>	<a href="#">119, 174, 208</a>
Decimal	<a href="#">7852206</a>
CIELab	<a href="#">77.33, -34.60, 8.59</a>
CIElCh	<a href="#">77, 35.648, 166.049</a>
Yxy	<a href="#">52.0897, 0.2739, 0.3775</a>
Android (android.graphics.Color)	<a href="#">4286042286 (0xFF77D0AE)</a>
YUV	<a href="#">177.5130, -1.7319, -51.3159</a>
Hunter-Lab	<a href="#">72.1732, -32.8065, 11.0021</a>

# Details

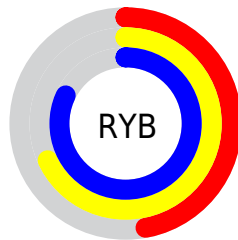
The Android color `4286042286` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4291852185`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4289724389`, and `4282358138` is the 20% darker color. If you saturate the color by 10%, you get `4284666022`, and if you desaturate by 10%, it is `4287418550`.

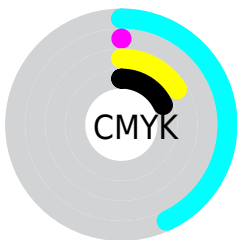
# Distribution



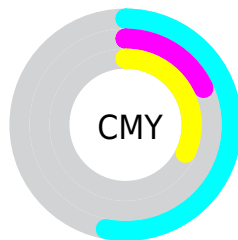
- Red (47%)
- Green (82%)
- Blue (68%)



- Red (47%)
- Yellow (68%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (53%)
- Magenta (18%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286042286 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 4286042286 by changing the saturation by 10% instead.





4286042286



4286042286

4294967295



4284200083



4289724389



4282358138



4291624959



4280319841



4293525503



4278216009



4278209842



4278203677



4278198532



4278190080



4286042286



4286042286

 4284666022

 4287418550

 4283289758

 4288794814

 4281979030

 4290105542

 4280602766

 4291481806

 4279226502

 4292858070

 4278243457

 4294234334

 4294955238

 4294955246

 4294955254

# Harmonies

## Analogous

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



4288662416



4286042286



4283748816

# Triad

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



4286042286



4289576190



4294552977

# Complementary

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



4286042286



4291852185

# 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.



4294944430



4286042286



4292456685

# Square

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



4286042286



4286236670



4294355152



4293113983

# Rectangle

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



4286042286



4283289573



4294355152



4294879898

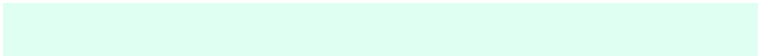


# Sweetspot

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



4286042286



4292804594



4288270455



4285235320



4278190080



4286611584



# Same Dimension

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



4286042286



4286447565



4286039760



4284377445



4278233192



4278200601



# Inverse Universe

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



4291852185



4294933935



4291854711



4285095522



4289200192



4280877072



# Previews

## White Background



This preview shows how the Android color 4286042286 looks on a white background.

## Color Contrast Check

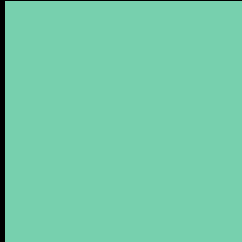
Large Text (above 18pt) WCAG AA × Fail

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 4286042286 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 4286042286 Background



This preview shows how black text looks on a background with the Android color 4286042286.

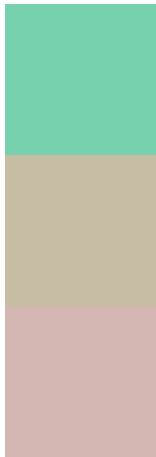


This preview shows how white text looks on a background with the Android color 4286042286.

# 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**  
4286042286

**Protanopia**  
4291280292

**Deuteranopia**  
4292130739



# Trichromacy



**Original Color**

4286042286



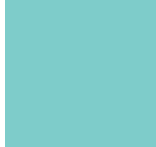
**Protanomaly**

4289381544



**Deuteranomaly**

4289904817



**Tritanomaly**

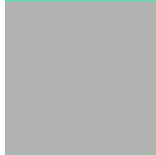
4286500042

# Monochromacy



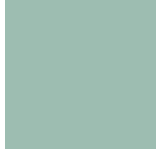
**Original Color**

4286042286



**Achromatopsia**

4289901234



**Achromatomaly**

4288527793

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286042286 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(119, 208, 174)` looks like.

```
.text, #text, p{  
    color:rgb(119, 208, 174)  
}
```

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(119, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 208, 174) }
```

## Border

The CSS property to change the border of an element to Android 4286042286 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(119, 208, 174) }
```

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

```
.border{ border-color:rgb(119, 208, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 208, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 208, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 208, 174); box-shadow:4px 4px 4px 4px rgb(119, 208, 174) }
```

# Background

The CSS property to change the background color of an element to Android 4286042286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 208, 174) }
```

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

```
.background{ background-color: rgb(119,  
208, 174) }
```

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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