

# Converting Colors

Android(4286763205)

Have a look what the booklet for  
Android(4286763205) contains.

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# **Color**

**Android(4286763205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82D0C5
RGB	130, 208, 197
RGB Percent	51%, 82%, 77%
CMY	0.4902, 0.1843, 0.2275
CMYK	0.38, 0.00, 0.05, 0.18
HSL	172°, 45%, 66%
HSV	172°, 38%, 82%
XYZ	41.8398, 53.8888, 61.0197
YIQ	183.4240, -42.9570, -19.9570

# Conversions

## Conversions Part 2

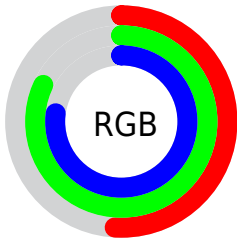
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 172, 208
Decimal	8573125
CIELab	78.40, -26.53, -2.14
CIELCh	78, 26.616, 184.610
Yxy	53.8888, 0.2669, 0.3438
Android (android.graphics.Color)	4286763205 (0xFF82D0C5)
YUV	183.4240, 6.6930, -46.8528
Hunter-Lab	73.4090, -26.7287, 2.1027

# Details

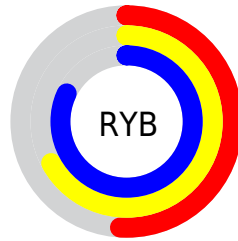
The Android color `4286763205` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291854989`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4290445310`, and `4283144591` is the 20% darker color. If you saturate the color by 10%, you get `4285386946`, and if you desaturate by 10%, it is `4288139464`.

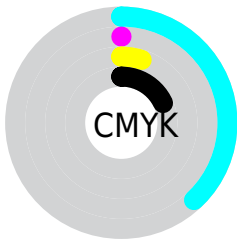
# Distribution



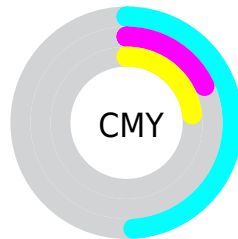
- Red (51%)
- Green (82%)
- Blue (77%)



- Red (51%)
- Yellow (67%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286763205 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 4286763205 by changing the saturation by 10% instead.





4286763205



4286763205

4294967295



4284986538



4290445310



4283144591



4292345855



4281302902



4294246399



4278871645



4278209862



4278203951



4278198811



4278190080



4286763205



4286763205

 4285386946

 4288139464

 4284010687

 4289515723

 4282699964

 4290826446

 4281323705

 4292202705

 4279947446

 4293578964

 4278571187

 4294955223

 4278243507

 4294955226

 4294955228

 4294955231

# Harmonies

## Analogous

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



4288269996



4286763205



4286238685

# Triad

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



4286763205



4291541739



4293310870

# Complementary

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



4286763205



4291854989

# 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.



4294161319



4286763205



4293243864

# Square

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



4286763205



4289315827



4294160575



4291871377

# Rectangle

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



4286763205



4286762217



4294160575



4293703579



# Sweetspot

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



4286763205



4293132283



4287549570



4285497469



4278190080



4286611584



# Same Dimension

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



4286763205



4287430639



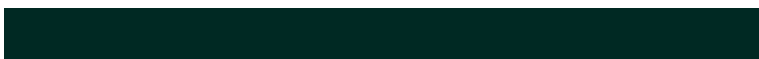
4286756304



4284377447



4278233233



4278200611



# Inverse Universe

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



4291854989



4294937756



4291861890



4285095520



4289200152

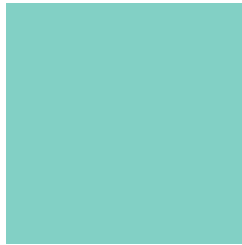


4280877062



# Previews

## White Background



This preview shows how the Android color 4286763205 looks on a white background.

## Color Contrast Check

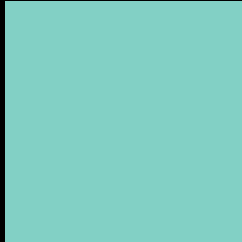
Large Text (above 18pt) WCAG AA × Fail

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 4286763205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

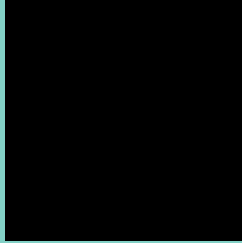
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

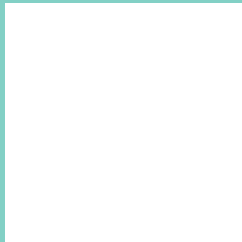
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286763205 Background



This preview shows how black text looks on a background with the Android color 4286763205.



This preview shows how white text looks on a background with the Android color 4286763205.

# 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



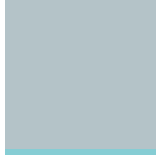
**Original Color**

4286763205



**Protanomaly**

4289578687



**Deuteranomaly**

4290036680



**Tritanomaly**

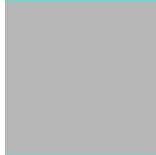
4287024596

# Monochromacy



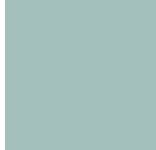
**Original Color**

4286763205



**Achromatopsia**

4290230199



**Achromatomaly**

4288987324

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286763205 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(130, 208, 197)` looks like.

```
.text, #text, p{  
    color:rgb(130, 208, 197)  
}
```

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(130, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 208, 197) }
```

## Border

The CSS property to change the border of an element to Android 4286763205 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(130, 208, 197) }
```

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

```
.border{ border-color:rgb(130, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 208, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 208, 197); box-shadow:4px 4px 4px 4px rgb(130, 208, 197) }
```

# Background

The CSS property to change the background color of an element to Android 4286763205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 208, 197) }
```

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

```
.background{ background-color: rgb(130,  
208, 197) }
```

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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