

# Converting Colors

Android(4286831042)

Have a look what the booklet for  
Android(4286831042) contains.

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# **Color**

**Android(4286831042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83D9C2
RGB	131, 217, 194
RGB Percent	51%, 85%, 76%
CMY	0.4863, 0.1490, 0.2392
CMYK	0.40, 0.00, 0.11, 0.15
HSL	164°, 53%, 68%
HSV	164°, 40%, 85%
XYZ	43.9105, 58.3460, 59.9865
YIQ	188.6640, -43.8730, -25.3850

# Conversions

## Conversions Part 2

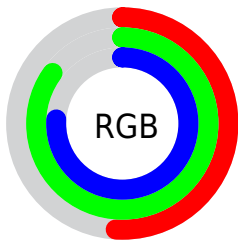
Format	Color
<a href="#">RYB</a>	<a href="#">131, 181, 217</a>
Decimal	<a href="#">8640962</a>
CIELab	<a href="#">80.93, -31.28, 3.17</a>
CIELCh	<a href="#">81, 31.438, 174.220</a>
Yxy	<a href="#">58.3460, 0.2706, 0.3596</a>
Android (android.graphics.Color)	<a href="#">4286831042 (0xFF83D9C2)</a>
YUV	<a href="#">188.6640, 2.6306, -50.5713</a>
Hunter-Lab	<a href="#">76.3846, -31.0603, 6.9074</a>

# Details

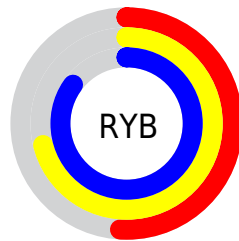
The Android color `4286831042` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292445082`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4290510842`, and `4283212428` is the 20% darker color. If you saturate the color by 10%, you get `4285389244`, and if you desaturate by 10%, it is `4288272840`.

# Distribution



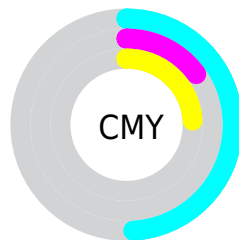
- Red (51%)
- Green (85%)
- Blue (76%)



- Red (51%)
- Yellow (71%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286831042 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 4286831042 by changing the saturation by 10% instead.





4286831042



4286831042

4294967295



4284988839



4290510842



4283212428



4292411391



4281304947



4294311935



4278676826



4278211907



4278205741



4278200088



4278191616



4278190080

 4286831042

 4286831042

 4285389244


 4288272840

 4284012982

 4289649102

 4282571185

 4291090899

 4281129387

 4292532697

 4279687589

 4293908959

 4278311327

 4294957541

 4278245791

 4294957547

 4294957552

 4294957558

# Harmonies

## Analogous

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



4288927142



4286831042



4285520352

# Triad

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



4286831042



4291216382



4294622106

# Complementary

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



4286831042



4292445082

# 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.



4294948274



4286831042



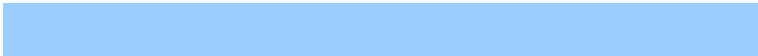
4293507820

# Square

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



4286831042



4288400895



4294948048



4293117327

# Rectangle

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



4286831042



4285650929



4294948048



4294949281



# Sweetspot

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



4286831042



4292935671



4288403843



4285431931



4278190080



4286611584

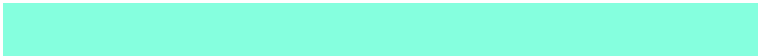


# Same Dimension

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



4286831042



4286971870



4286826201



4284706411



4278234495



4278201890



# Inverse Universe

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



4292445082



4294935973



4292449923



4285424486



4289527854



4281204748



# Previews

## White Background



This preview shows how the Android color 4286831042 looks on a white background.

## Color Contrast Check

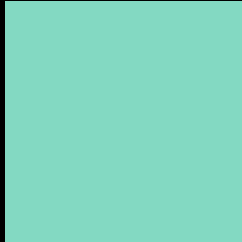
Large Text (above 18pt) WCAG AA × Fail

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 4286831042 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 4286831042 Background



This preview shows how black text looks on a background with the Android color 4286831042.



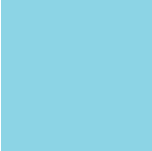
This preview shows how white text looks on a background with the Android color 4286831042.

# 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





**Tritanopia**  
4287419621

# Trichromacy



**Original Color**

4286831042



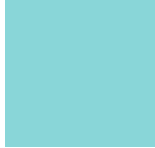
**Protanomaly**

4289973948



**Deuteranomaly**

4290497221



**Tritanomaly**

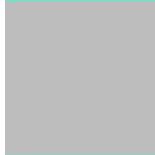
4287223512

# Monochromacy



**Original Color**

4286831042



**Achromatopsia**

4290624957



**Achromatomaly**

4289251263

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286831042 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(131, 217, 194)` looks like.

```
.text, #text, p{  
    color:rgb(131, 217, 194)  
}
```

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(131, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 217, 194) }
```

## Border

The CSS property to change the border of an element to Android 4286831042 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(131, 217, 194) }
```

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

```
.border{ border-color:rgb(131, 217, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 217, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(131, 217,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4286831042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 217, 194) }
```

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

```
.background{ background-color: rgb(131,  
217, 194) }
```

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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