

# Converting Colors

Android(4284607432)

Have a look what the booklet for  
Android(4284607432) contains.

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# **Color**

**Android(4284607432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61EBC8
RGB	97, 235, 200
RGB Percent	38%, 92%, 78%
CMY	0.6196, 0.0784, 0.2157
CMYK	0.59, 0.00, 0.15, 0.08
HSL	165°, 78%, 65%
HSV	165°, 59%, 92%
XYZ	45.0634, 66.1282, 65.0325
YIQ	189.7480, -71.0130, -40.1410

# Conversions

## Conversions Part 2

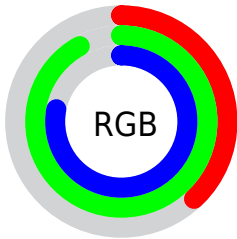
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 176, 235
Decimal	6417352
CIELab	85.06, -45.73, 5.81
CIELCh	85, 46.098, 172.754
Yxy	66.1282, 0.2557, 0.3753
Android (android.graphics.Color)	4284607432 (0xFF61EBC8)
YUV	189.7480, 5.0542, -81.3400
Hunter-Lab	81.3192, -43.3921, 9.5081

# Details

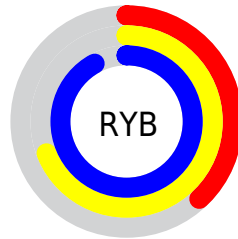
The Android color `4284607432` is a light color, and the websafe version is hex `66FFCC`. A complement of this color would be `4293616004`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4288675839`, and `4278760082` is the 20% darker color. If you saturate the color by 10%, you get `4283100098`, and if you desaturate by 10%, it is `4286180302`.

# Distribution



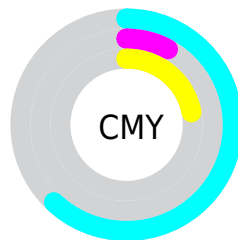
- Red (38%)
- Green (92%)
- Blue (78%)



- Red (38%)
- Yellow (69%)
- Blue (92%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (62%)
- Magenta (8%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284607432 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 4284607432 by changing the saturation by 10% instead.





4284607432



4284607432

4294967295



4282371757



4288675839



4278760082



4290641919



4278228856



4292607999



4278222176



4294639615



4278215496



4278209074



4278202909



4278196739




4278190080

 4284607432

 4284607432

 4283100098

 4286180302

 4281527228

 4287687636

 4280019894

 4289260506

 4278447024

 4290767840

 4278250415

 4292340710

 4293848044

 4294962162

 4294962168

 4294962174

# Harmonies

## Analogous

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



4288538270



4284607432



4278250485

# Triad

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



4284607432



4291481087



4294950801

# Complementary

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



4284607432



4293616004

# 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.



4294948021



4284607432



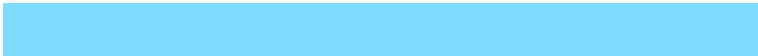
4294950399

# Square

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



4284607432



4286635263



4294947809



4294626942

# Rectangle

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



4284607432



4278249983



4294947809



4294949787

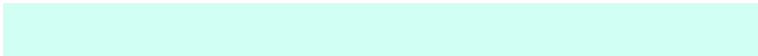


# Sweetspot

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



4284607432



4291952627



4287032161



4284711032



4278190080



4286611584



# Same Dimension

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



4284607432



4283301842



4284599275



4285166962



4278236551



4278203944



# Inverse Universe

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



4293616004



4294921594



4293624161



4285885037



4290052142

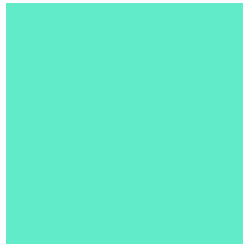


4281729038



# Previews

## White Background



This preview shows how the Android color 4284607432 looks on a white background.

## Color Contrast Check

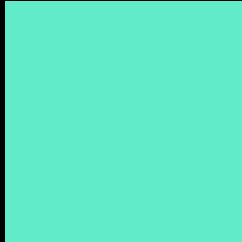
Large Text (above 18pt) WCAG AA × Fail

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 4284607432 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

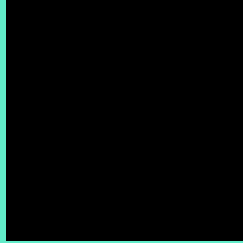
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284607432 Background



This preview shows how black text looks on a background with the Android color 4284607432.

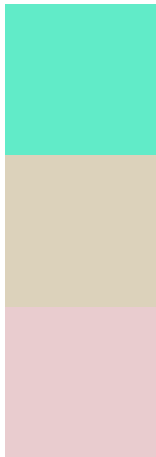


This preview shows how white text looks on a background with the Android color 4284607432.

# 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**  
4284607432

**Protanopia**  
4292661947

**Deuteranopia**  
4293512399



# Trichromacy



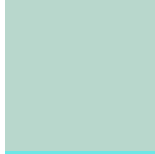
**Original Color**

4284607432



**Protanomaly**

4289715136



**Deuteranomaly**

4290303948



**Tritanomaly**

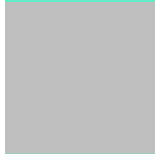
4285327334

# Monochromacy



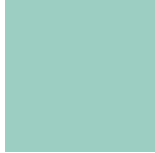
**Original Color**

4284607432



**Achromatopsia**

4290690750



**Achromatomaly**

4288466626

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284607432 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(97, 235, 200)` looks like.

```
.text, #text, p{  
    color:rgb(97, 235, 200)  
}
```

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(97, 235, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 235, 200) }
```

## Border

The CSS property to change the border of an element to Android 4284607432 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(97, 235, 200) }
```

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

```
.border{ border-color:rgb(97, 235, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 235, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 235, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 235, 200);  
box-shadow:4px 4px 4px 4px rgb(97, 235,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4284607432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 235, 200) }
```

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

```
.background{ background-color: rgb(97, 235,  
200) }
```

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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