

# Converting Colors

Android(4280609753)

Have a look what the booklet for  
Android(4280609753) contains.

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# **Color**

**Android(4280609753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24EBD9
RGB	36, 235, 217
RGB Percent	14%, 92%, 85%
CMY	0.8588, 0.0784, 0.1490
CMYK	0.85, 0.00, 0.08, 0.08
HSL	175°, 83%, 53%
HSV	175°, 85%, 92%
XYZ	42.9603, 64.8015, 75.8893
YIQ	173.4470, -112.8260, -47.7860

# Conversions

## Conversions Part 2

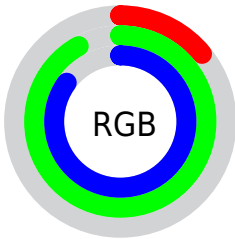
Format	Color
<a href="#">RYB</a>	<a href="#">36, 140, 235</a>
Decimal	<a href="#">2419673</a>
CIELab	<a href="#">84.38, -48.96, -4.25</a>
CIELCh	<a href="#">84, 49.144, 184.966</a>
Yxy	<a href="#">64.8015, 0.2339, 0.3529</a>
Android (android.graphics.Color)	<a href="#">4280609753 (0xFF24EBD9)</a>
YUV	<a href="#">173.4470, 21.4716, -120.5410</a>
Hunter-Lab	<a href="#">80.4994, -45.6134, 0.4550</a>

# Details

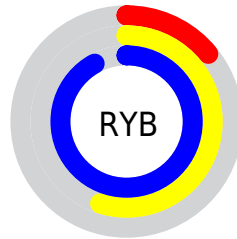
The Android color **4280609753** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **4293600310**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4286251007**, and **4278235810** is the 20% darker color. If you saturate the color by 10%, you get **4279102423**, and if you desaturate by 10%, it is **4282182619**.

# Distribution



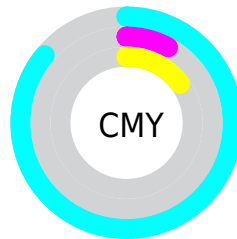
- Red (14%)
- Green (92%)
- Blue (85%)



- Red (14%)
- Yellow (55%)
- Blue (92%)



- Cyan (85%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (86%)
- Magenta (8%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280609753 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 4280609753 by changing the saturation by 10% instead.



 4280609753

 4280609753

4294967295

 4278243005

 4286251007

 4278235810

 4288413695

 4278228872

 4290576383

 4278221935

 4292607999

 4278215254

 4294705151

 4278208831

 4278202921

 4278196501

 4278190080

■ 4280609753

■ 4280609753

■ 4279102423

■ 4282182619

■ 4278250454

■ 4283689949

■ 4285262815

■ 4286770146

■ 4288343012

■ 4289850342

■ 4291423208

■ 4292930538

■ 4294503404

# Harmonies

## Analogous

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



4286441642



4280609753



4278249983

# Triad

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



4280609753



4292986111



4294951551

# Complementary

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



4280609753



4293600310

# 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.



4294947744



4280609753



4294948091

# Square

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



4280609753



4288271871



4294946253



4293513844

# Rectangle

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



4280609753



4278248959



4294946253



4294950280

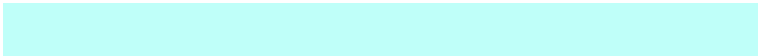


# Sweetspot

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



4280609753



4290772985



4281920292



4284055676



4278190080



4286611584



# Same Dimension

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



4280609753



4278255592



4280589291



4285166964



4278236581



4278203953



# Inverse Universe

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



4293600310



4294901783



4293620772



4285885035



4290052112

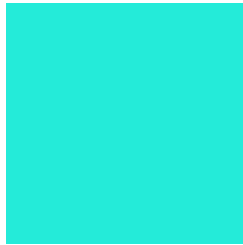


4281729029



# Previews

## White Background



This preview shows how the Android color 4280609753 looks on a white background.

## Color Contrast Check

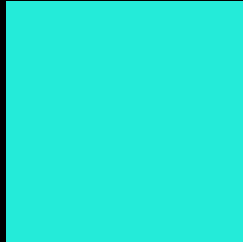
Large Text (above 18pt) WCAG AA × Fail

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 4280609753 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

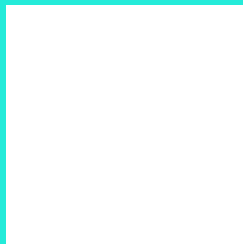
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280609753 Background



This preview shows how black text looks on a background with the Android color 4280609753.

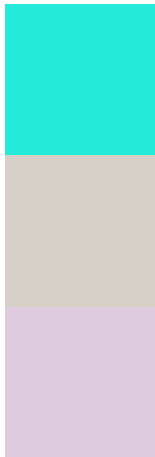


This preview shows how white text looks on a background with the Android color 4280609753.

# 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**  
4280609753

**Protanopia**  
4292268233

**Deuteranopia**  
4292791264



# Trichromacy



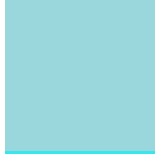
**Original Color**

4280609753



**Protanomaly**

4288010959



**Deuteranomaly**

4288337885



**Tritanomaly**

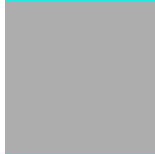
4281788653

# Monochromacy



**Original Color**

4280609753



**Achromatopsia**

4289572269



**Achromatomaly**

4286301373

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280609753 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(36, 235, 217)` looks like.

```
.text, #text, p{  
    color:rgb(36, 235, 217)  
}
```

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(36, 235, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 235, 217) }
```

## Border

The CSS property to change the border of an element to Android 4280609753 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(36, 235, 217) }
```

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

```
.border{ border-color:rgb(36, 235, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 235, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 235, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 235, 217);  
box-shadow:4px 4px 4px 4px rgb(36, 235,  
217) }
```

# Background

The CSS property to change the background color of an element to Android 4280609753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 235, 217) }
```

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

```
.background{ background-color: rgb(36, 235,  
217) }
```

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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