

# Converting Colors

Android(4278884761)

Have a look what the booklet for  
Android(4278884761) contains.

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# Color

**Android(4278884761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A9999
RGB	10, 153, 153
RGB Percent	4%, 60%, 60%
CMY	0.9608, 0.4000, 0.4000
CMYK	0.93, 0.00, 0.00, 0.40
HSL	180°, 88%, 32%
HSV	180°, 93%, 60%
XYZ	17.2662, 25.1469, 34.0808
YIQ	110.2430, -85.2280, -30.3160

# Conversions

## Conversions Part 2

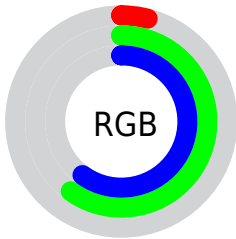
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 82, 153
Decimal	694681
CIELab	57.22, -32.42, -9.56
CIELCh	57, 33.799, 196.422
Yxy	25.1469, 0.2257, 0.3287
Android (android.graphics.Color)	4278884761 (0xFF0A9999)
YUV	110.2430, 21.0792, -87.9131
Hunter-Lab	50.1467, -26.2968, -5.1921

# Details

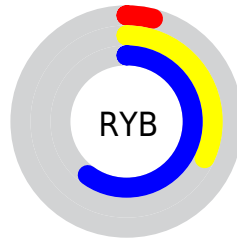
The Android color `4278884761` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288219658`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284338383`, and `4278216038` is the 20% darker color. If you saturate the color by 10%, you get `4278229401`, and if you desaturate by 10%, it is `4279867801`.

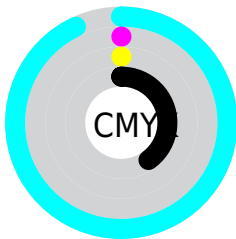
# Distribution



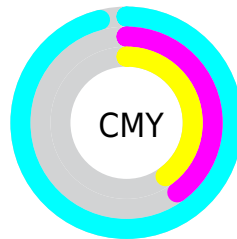
- Red (4%)
- Green (60%)
- Blue (60%)



- Red (4%)
- Yellow (32%)
- Blue (60%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278884761 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 4278884761 by changing the saturation by 10% instead.





4278884761



4278884761

4294967295



4278222719



4284338383



4278216038



4286311659



4278209870



4288282623



4278203703



4290248703



4278198818



4292149247



4278190092



4294180863



4278190080



4278884761



4278884761



4278229401



4279867801

 4280916377

 4281899417

 4282882457

 4283865497

 4284914073

 4285897113

 4286880153

 4287928729

# Harmonies

## Analogous

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



4282685563



4278884761



4278228659

# Triad

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



4278884761



4288773298



4289233744

# Complementary

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



4278884761



4288219658

# 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.



4290541920



4278884761



4290409624

# Square

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



4278884761



4286089154



4290999162



4287401296

# Rectangle

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



4278884761



4281308095



4290999162



4289757012



# Sweetspot

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



4278884761



4287612871



4278884618



4282540899



4293125091



4284703587



# Same Dimension

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



4278884761



4278241223



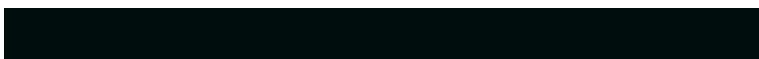
4278866585



4282731853



4278226060



4278193421



# Inverse Universe

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



4288219801



4291231943



4288238090



4283254093



4287365260



4279042061



# Previews

## White Background



This preview shows how the Android color 4278884761 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4278884761 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

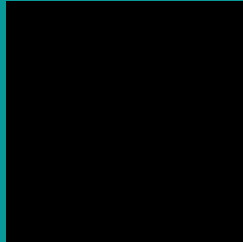
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278884761 Background



This preview shows how black text looks on a background with the Android color 4278884761.

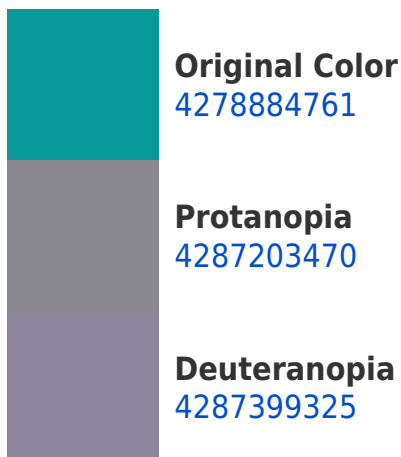


This preview shows how white text looks on a background with the Android color 4278884761.

# 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**

4278884761



**Protanomaly**

4284190354



**Deuteranomaly**

4284320924



**Tritanomaly**

4279670944

# Monochromacy



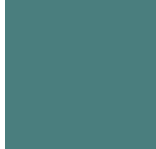
**Original Color**

4278884761



**Achromatopsia**

4285427310



**Achromatomaly**

4283072126

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278884761 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(10, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(10, 153, 153)  
}
```

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(10, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 153, 153) }
```

## Border

The CSS property to change the border of an element to Android 4278884761 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(10, 153, 153) }
```

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

```
.border{ border-color:rgb(10, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(10, 153,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4278884761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 153, 153) }
```

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

```
.background{ background-color: rgb(10, 153,  
153) }
```

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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