

# Converting Colors

Android(4278227588)

Have a look what the booklet for  
Android(4278227588) contains.

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# Color

**Android(4278227588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009284
RGB	0, 146, 132
RGB Percent	0%, 57%, 52%
CMY	1.0000, 0.4275, 0.4824
CMYK	1.00, 0.00, 0.10, 0.43
HSL	174°, 100%, 29%
HSV	174°, 100%, 57%
XYZ	14.4437, 22.2237, 25.3581
YIQ	100.7500, -82.5220, -35.3060

# Conversions

## Conversions Part 2

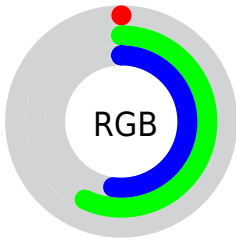
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 146
Decimal	37508
CIELab	54.26, -36.04, -1.91
CIELCh	54, 36.091, 183.027
Yxy	22.2237, 0.2329, 0.3583
Android (android.graphics.Color)	4278227588 (0xFF009284)
YUV	100.7500, 15.4062, -88.3577
Hunter-Lab	47.1420, -27.8083, 1.1068

# Details

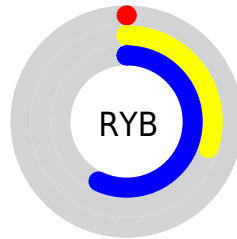
The Android color `4278227588` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287758350`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4283943353`, and `4278214227` is the 20% darker color. If you saturate the color by 10%, you get `4278227588`, and if you desaturate by 10%, it is `4279210629`.

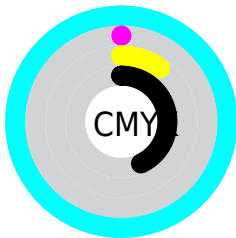
# Distribution



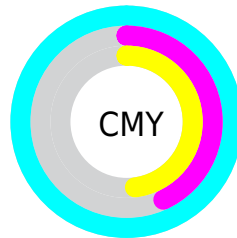
- Red (0%)
- Green (57%)
- Blue (52%)



- Red (0%)
- Yellow (30%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278227588 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 4278227588 by changing the saturation by 10% instead.



 4278227588

 4278227588

4294967295

 4278220907

 4283943353

 4278214227

 4285916629


 4278208060

 4287823857

 4278202150

 4289724415

 4278196242

 4291690495


 4278190080

 4293656575

 4278227588

 4279210629

 4280128135

 4281111176

 4282028682

 4283011723

 4283994764

 4284912270

 4285895311

 4286812817

# Harmonies

## Analogous

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



4283076708



4278227588



4278227363

# Triad

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



4278227588



4287199414



4289492555

# Complementary

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



4278227588



4287758350

# 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.



4290473057



4278227588



4289425055

# Square

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



4278227588



4283860160



4290537600



4287791426

# Rectangle

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



4278227588



4278226611



4290537600



4289884753



# Sweetspot

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



4278227588



4286889399



4279210496



4282146395



4292796126



4284374622



# Same Dimension

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



4278227588



4278238635



4278212754



4282600009



4278225532



4278192649



# Inverse Universe

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



4287758350



4290576402



4287773184



4283056963



4287234061



4278845441



# Previews

## White Background



This preview shows how the Android color 4278227588 looks on a white background.

## Color Contrast Check

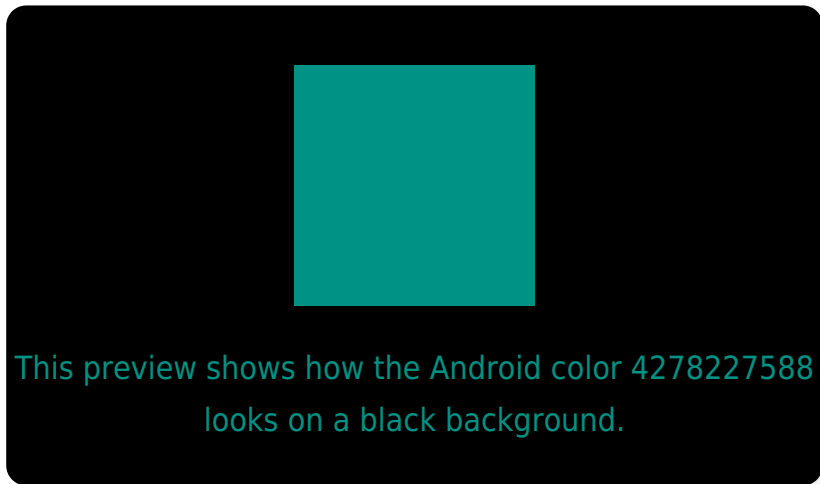
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

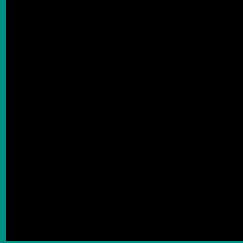
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278227588 Background



This preview shows how black text looks on a background with the Android color 4278227588.



This preview shows how white text looks on a background with the Android color 4278227588.

# 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**

4278227588



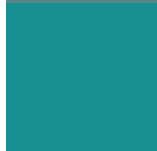
**Protanomaly**

4283795326



**Deuteranomaly**

4283991431



**Tritanomaly**

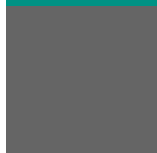
4279799954

# Monochromacy



**Original Color**

4278227588



**Achromatopsia**

4284835173



**Achromatomaly**

4282414448

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278227588 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(0, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 132)  
}
```

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(0, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 132) }
```

## Border

The CSS property to change the border of an element to Android 4278227588 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(0, 146, 132) }
```

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

```
.border{ border-color:rgb(0, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
132) }
```

# Background

The CSS property to change the background color of an element to Android 4278227588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 132) }
```

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

```
.background{ background-color: rgb(0, 146,  
132) }
```

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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