

# Converting Colors

Android(4278213981)

Have a look what the booklet for  
Android(4278213981) contains.

<b>Android(4278213981)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278213981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005D5D
RGB	0, 93, 93
RGB Percent	0%, 36%, 36%
CMY	1.0000, 0.6353, 0.6353
CMYK	1.00, 0.00, 0.00, 0.64
HSL	180°, 100%, 18%
HSV	180°, 100%, 36%
XYZ	5.8901, 8.6190, 11.7091
YIQ	65.1930, -55.4280, -19.7160

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">0, 47, 93</a>
Decimal	<a href="#">23901</a>
CIELab	<a href="#">35.24, -23.00, -6.76</a>
CIELCh	<a href="#">35, 23.973, 196.386</a>
Yxy	<a href="#">8.6190, 0.2247, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4278213981 (0xFF005D5D)</a>
YUV	<a href="#">65.1930, 13.7089, -57.1743</a>
Hunter-Lab	<a href="#">29.3582, -15.5643, -3.0963</a>

# Details

The Android color **4278213981** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284284928**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4282814607**, and **4278201903** is the 20% darker color. If you saturate the color by 10%, you get **4278213981**, and if you desaturate by 10%, it is **4278803805**.

# Distribution



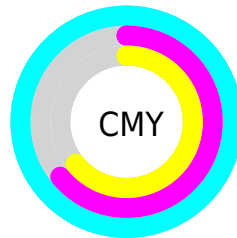
- Red (0%)
- Green (36%)
- Blue (36%)



- Red (0%)
- Yellow (18%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278213981 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 4278213981 by changing the saturation by 10% instead.



 4278213981

 4278213981

4294967295

 4278207813

 4282814607

 4278201903

 4284590762


 4278197274

 4286367429

 4278190080

 4288209633

 4290052093

 4291952639

 4293853183

 4278213981

■ 4278803805

■ 4279459165

■ 4280048989

■ 4280638813

■ 4281294173

■ 4281883997

■ 4282473821

■ 4283063645

■ 4283719005

# Harmonies

## Analogous

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



4280704073



4278213981



4278213486

# Triad

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



4278213981



4284631661



4284960558

# Complementary

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



4278213981



4284284928

# 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.



4285745208



4278213981



4285678940

# Square

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



4278213981



4282929527



4286071881



4283782445

# Rectangle

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



4278213981



4279720309



4286071881



4285287472



# Sweetspot

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



4278213981



4283725944



4278213888



4280761661



4290624957



4282203453



# Same Dimension

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



4278213981



4278220920



4278202205



4280888878



4278218350



4278250989



# Inverse Universe

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



4284285021



4286054520



4284296960



4281215278



4285399150



4293722349



# Previews

## White Background



This preview shows how the Android color 4278213981 looks on a white background.

## Color Contrast Check

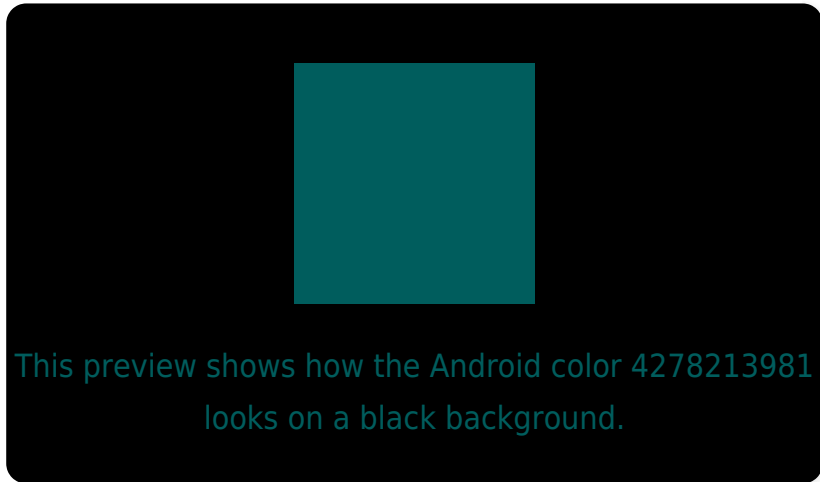
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

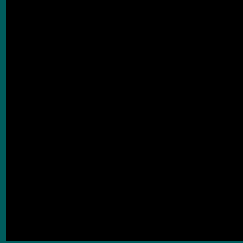
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278213981 Background



This preview shows how black text looks on a background with the Android color 4278213981.



This preview shows how white text looks on a background with the Android color 4278213981.

# 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**

4278213981

**Protanopia**

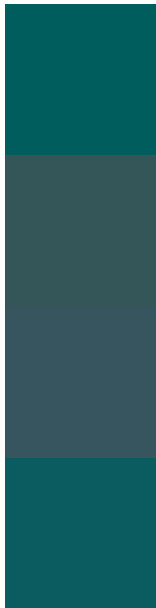
4283650647

**Deuteranopia**

4283781472



# Trichromacy



**Original Color**  
4278213981

**Protanomaly**  
4281685593

**Deuteranomaly**  
4281750879

**Tritanomaly**  
4278934625

# Monochromacy



**Original Color**  
4278213981

**Achromatopsia**  
4282466625

**Achromatomaly**  
4280896331

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278213981 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, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 93)  
}
```

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, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 93) }
```

## Border

The CSS property to change the border of an element to Android 4278213981 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, 93, 93) }
```

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

```
.border{ border-color:rgb(0, 93, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 93, 93); box-shadow:4px  
4px 4px 4px rgb(0, 93, 93) }
```

# Background

The CSS property to change the background color of an element to Android 4278213981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 93) }
```

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

```
.background{ background-color: rgb(0, 93,  
93) }
```

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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