

# Converting Colors

Android(4278213500)

Have a look what the booklet for  
Android(4278213500) contains.

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# Color

**Android(4278213500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005B7C
RGB	0, 91, 124
RGB Percent	0%, 36%, 49%
CMY	1.0000, 0.6431, 0.5137
CMYK	1.00, 0.27, 0.00, 0.51
HSL	196°, 100%, 24%
HSV	196°, 100%, 49%
XYZ	7.3792, 8.9374, 20.4050
YIQ	67.5530, -64.8290, -9.0290

# Conversions

## Conversions Part 2

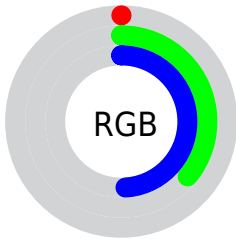
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 52, 124
Decimal	23420
CIELab	35.86, -10.25, -25.03
CIELCh	36, 27.048, 247.735
Yxy	8.9374, 0.2009, 0.2434
Android (android.graphics.Color)	4278213500 (0xFF005B7C)
YUV	67.5530, 27.8284, -59.2440
Hunter-Lab	29.8955, -8.2575, -19.5411

# Details

The Android color `4278213500` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286324992`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4283207089`, and `4278201675` is the 20% darker color. If you saturate the color by 10%, you get `4278213500`, and if you desaturate by 10%, it is `4279000700`.

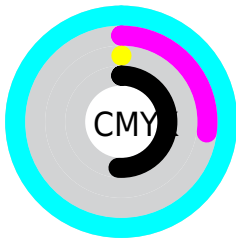
# Distribution



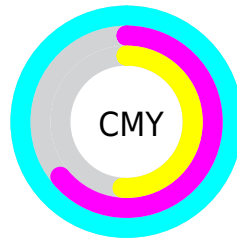
- Red (0%)
- Green (36%)
- Blue (49%)



- Red (0%)
- Yellow (20%)
- Blue (49%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (64%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278213500 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 4278213500 by changing the saturation by 10% instead.



 4278213500

 4278213500

4294967295

 4278207587

 4283207089

 4278201675

 4285048780

 4278196532

 4286890984

 4278190623

 4288733183

 4278190082

 4290640895

 4278190080

 4292542463

 4294508543

 4278213500

■ 4279000700

■ 4279853692

■ 4280640892

■ 4281493628

■ 4282281084

■ 4283068284

■ 4283921020

■ 4284708220

■ 4285561212

# Harmonies

## Analogous

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



4278214510



4278213500



4282144127

# Triad

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



4278213500



4286399312



4282735409

# Complementary

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



4278213500



4286324992

# 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.



4284241192



4278213500



4286268987

# Square

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



4278213500



4285810021



4285484332



4280901187

# Rectangle

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



4278213500



4283715451



4285484332



4283259181



# Sweetspot

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



4278213500



4285568161



4278221855



4281616978



4291940817



4283585106



# Same Dimension

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



4278213500



4278220449



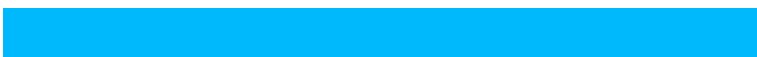
4278198140



4281809981



4278213757



4278237692



# Inverse Universe

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



4286316635



4288741494



4286340352



4282201916



4286382172



4294705337



# Previews

## White Background



This preview shows how the Android color 4278213500 looks on a white background.

## Color Contrast Check

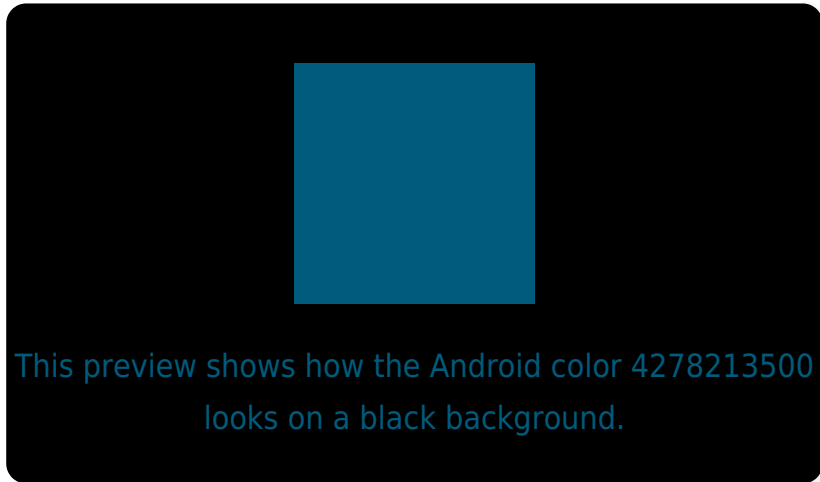
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213500 Background



This preview shows how black text looks on a background with the Android color 4278213500.



This preview shows how white text looks on a background with the Android color 4278213500.

# 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**

4278213500

**Protanomaly**

4281292408

**Deuteranomaly**

4280964989

**Tritanomaly**

4278213997

# Monochromacy



**Original Color**

4278213500

**Achromatopsia**

4282664004

**Achromatomaly**

4281027672

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278213500 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, 91, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 124)  
}
```

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, 91, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 124) }
```

## Border

The CSS property to change the border of an element to Android 4278213500 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, 91, 124) }
```

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

```
.border{ border-color:rgb(0, 91, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 124)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278213500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 124) }
```

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

```
.background{ background-color: rgb(0, 91,  
124) }
```

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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