

# Converting Colors

Android(4278213015)

Have a look what the booklet for  
Android(4278213015) contains.

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# Color

**Android(4278213015)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005997
RGB	0, 89, 151
RGB Percent	0%, 35%, 59%
CMY	1.0000, 0.6510, 0.4078
CMYK	1.00, 0.41, 0.00, 0.41
HSL	205°, 100%, 30%
HSV	205°, 100%, 59%
XYZ	9.1583, 9.3791, 30.6058
YIQ	69.4570, -72.9460, 0.4140

# Conversions

## Conversions Part 2

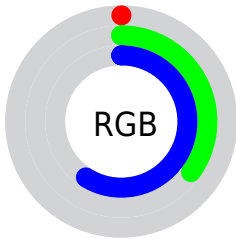
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 56, 151</a>
Decimal	<a href="#">22935</a>
CIELab	<a href="#">36.70, 2.05, -40.14</a>
CIElCh	<a href="#">37, 40.195, 272.926</a>
Yxy	<a href="#">9.3791, 0.1864, 0.1909</a>
Android (android.graphics.Color)	<a href="#">4278213015 (0xFF005997)</a>
YUV	<a href="#">69.4570, 40.2007, -60.9138</a>
Hunter-Lab	<a href="#">30.6254, -0.2152, -37.8144</a>

# Details

The Android color `4278213015` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288101888`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4283665358`, and `4278201443` is the 20% darker color. If you saturate the color by 10%, you get `4278213015`, and if you desaturate by 10%, it is `4279197591`.

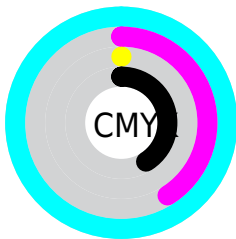
# Distribution



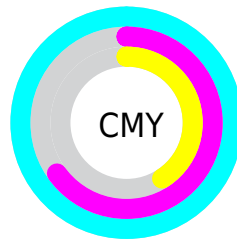
- Red (0%)
- Green (35%)
- Blue (59%)



- Red (0%)
- Yellow (22%)
- Blue (59%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (65%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278213015 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 4278213015 by changing the saturation by 10% instead.



 4278213015

 4278213015

4294967295

 4278207101

 4283665358

 4278201443

 4285638122

 4278196299

 4287545599

 4278191156

 4289453055

 4278190622

 4291361023

 4278190080

 4293263359

 4278213015

 4279197591

■ 4280182167

■ 4281166999

■ 4282151575

■ 4283201687

■ 4284186263

■ 4285170839

■ 4286155671

■ 4287140247

# Harmonies

## Analogous

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



4278215056



4278213015



4284173453

# Triad

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



4278213015



4287511861



4278805559

# Complementary

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



4278213015



4288101888

# 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.



4282605340



4278213015



4286466587

# Square

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



4278213015



4287641685



4284765710



4278216281

# Rectangle

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



4278213015



4285940606



4284765710



4280640045



# Sweetspot

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



4278213015



4287212740



4278228796



4282406243



4293125091



4284703587



# Same Dimension

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



4278213015



4278219972



4278194071



4282730829



4278211468



4278192141



# Inverse Universe

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



4288086105



4291035252



4288120832



4283254089



4287365203



4279042056



# Previews

## White Background



This preview shows how the Android color 4278213015 looks on a white background.

## Color Contrast Check

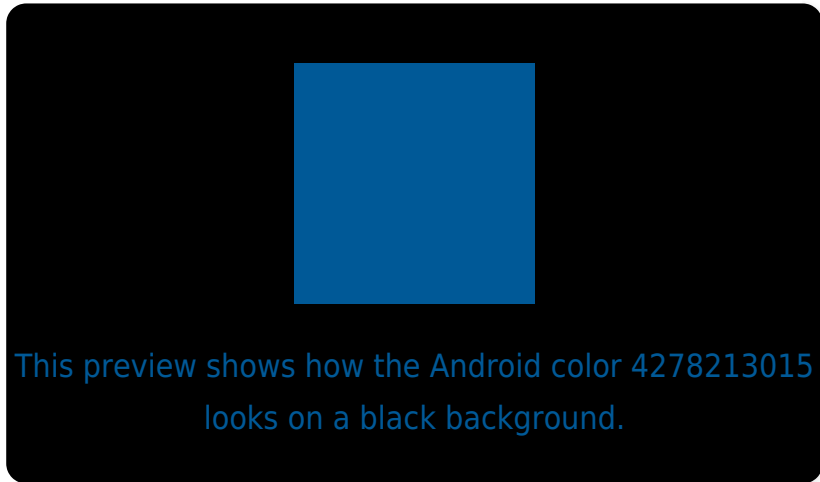
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213015 Background



This preview shows how black text looks on a background with the Android color 4278213015.



This preview shows how white text looks on a background with the Android color 4278213015.

# 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**  
4278213015

**Protanomaly**  
4280702612

**Deuteranomaly**  
4279523479

**Tritanomaly**  
4278214008

# Monochromacy



**Original Color**  
4278213015

**Achromatopsia**  
4282729797

**Achromatomaly**  
4281093219

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278213015 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, 89, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 151)  
}
```

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, 89, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 151) }
```

## Border

The CSS property to change the border of an element to Android 4278213015 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, 89, 151) }
```

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

```
.border{ border-color:rgb(0, 89, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 89, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 151)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278213015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 151) }
```

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

```
.background{ background-color: rgb(0, 89,  
151) }
```

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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