

# Converting Colors

Android(4278407521)

Have a look what the booklet for  
Android(4278407521) contains.

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# Color

**Android(4278407521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	035161
RGB	3, 81, 97
RGB Percent	1%, 32%, 38%
CMY	0.9882, 0.6824, 0.6196
CMYK	0.97, 0.16, 0.00, 0.62
HSL	190°, 94%, 20%
HSV	190°, 97%, 38%
XYZ	5.1377, 6.7673, 12.3447
YIQ	59.5020, -51.6240, -11.5600

# Conversions

## Conversions Part 2

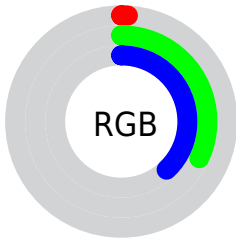
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 46, 97
Decimal	217441
CIE Lab	31.27, -14.70, -15.30
CIE LCh	31, 21.218, 226.132
Yxy	6.7673, 0.2119, 0.2791
Android (android.graphics.Color)	4278407521 (0xFF035161)
YUV	59.5020, 18.4865, -49.5523
Hunter-Lab	26.0140, -10.2716, -9.9257

# Details

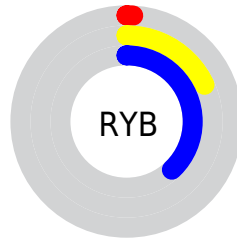
The Android color **4278407521** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4284551939**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4282811028**, and **4278199347** is the 20% darker color. If you saturate the color by 10%, you get **4278210657**, and if you desaturate by 10%, it is **4279063393**.

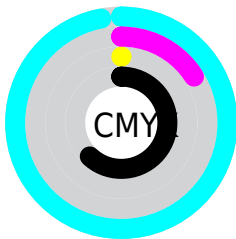
# Distribution



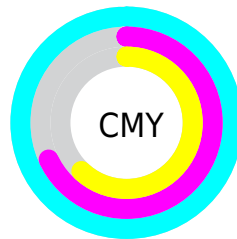
- Red (1%)
- Green (32%)
- Blue (38%)



- Red (1%)
- Yellow (18%)
- Blue (38%)



- Cyan (97%)
- Magenta (16%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (68%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278407521 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 4278407521 by changing the saturation by 10% instead.



 4278407521

 4278407521

4294967295

 4278205001

 4282811028

 4278199347

 4284587438

 4278192670


 4286363850

 4278190081

 4288140262

 4278190080

 4289982719

 4291821567

 4293722111

 4278407521

 4278407521

■ 4278210657

■ 4279063393

■ 4279653473

■ 4280309345

■ 4280965217

■ 4281620833

■ 4282211169

■ 4282867041

■ 4283522657

■ 4284112993

# Harmonies

## Analogous

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



4278800978



4278407521



4280503657

# Triad

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



4278407521



4284824914



4283190057

# Complementary

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



4278407521



4284551939

# 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.



4284171817



4278407521



4285152577

# Square

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



4278407521



4283908705



4284891186



4281946162

# Rectangle

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



4278407521



4281813610



4284891186



4283517480



# Sweetspot

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



4278407521



4284053373



4278411539



4280892480



4290756543



4282400832



# Same Dimension

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



4278407521



4278216829



4278395489



4281086000



4278214000



4278241264



# Inverse Universe

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



4284547921



4286382184



4284563971



4281347120



4285530205



4293918919



# Previews

## White Background



This preview shows how the Android color 4278407521 looks on a white background.

## Color Contrast Check

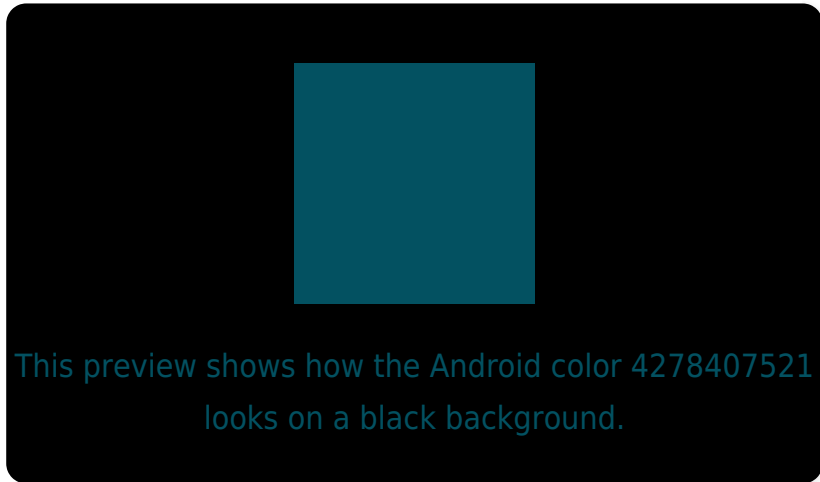
Large Text (above 18pt) WCAG AA ✓ Pass

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

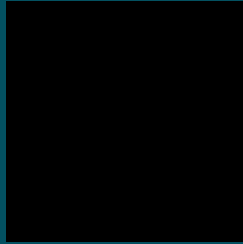
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278407521 Background



This preview shows how black text looks on a background with the Android color 4278407521.



This preview shows how white text looks on a background with the Android color 4278407521.

# 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



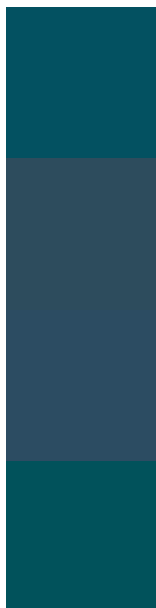
**Original Color**  
4278407521

**Protanopia**  
4282730843

**Deuteranopia**  
4282599779



# Trichromacy



**Original Color**

4278407521

**Protanomaly**

4281158749

**Deuteranomaly**

4281093218

**Tritanomaly**

4278276699

# Monochromacy



**Original Color**

4278407521

**Achromatopsia**

4282137660

**Achromatomaly**

4280763465

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278407521 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(3, 81, 97)` looks like.

```
.text, #text, p{  
    color:rgb(3, 81, 97)  
}
```

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(3, 81, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 81, 97) }
```

## Border

The CSS property to change the border of an element to Android 4278407521 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(3, 81, 97) }
```

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

```
.border{ border-color:rgb(3, 81, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 81, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 81, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 81, 97); box-shadow:4px  
4px 4px 4px rgb(3, 81, 97) }
```

# Background

The CSS property to change the background color of an element to Android 4278407521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 81, 97) }
```

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

```
.background{ background-color: rgb(3, 81,  
97) }
```

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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