

# Converting Colors

Android(4281021015)

Have a look what the booklet for  
Android(4281021015) contains.

<b>Android(4281021015)</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(4281021015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B3257
RGB	43, 50, 87
RGB Percent	17%, 20%, 34%
CMY	0.8314, 0.8039, 0.6588
CMYK	0.51, 0.43, 0.00, 0.66
HSL	230°, 34%, 25%
HSV	230°, 51%, 34%
XYZ	3.8572, 3.4829, 9.4858
YIQ	52.1250, -16.0490, 10.0230

# Conversions

## Conversions Part 2

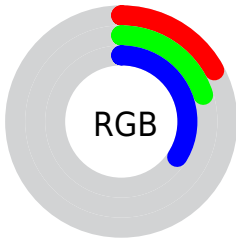
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 49, 87
Decimal	2830935
CIE <sub>Lab</sub>	21.88, 8.54, -23.35
CIE <sub>LCh</sub>	22, 24.858, 290.083
Yxy	3.4829, 0.2292, 0.2070
Android (android.graphics.Color)	4281021015 (0xFF2B3257)
YUV	52.1250, 17.1934, -8.0026
Hunter-Lab	18.6626, 4.2327, -17.0721

# Details

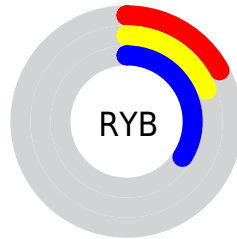
The Android color **4281021015** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283912235**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4284178569**, and **4278190890** is the 20% darker color. If you saturate the color by 10%, you get **4280429399**, and if you desaturate by 10%, it is **4281612631**.

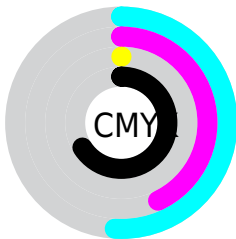
# Distribution



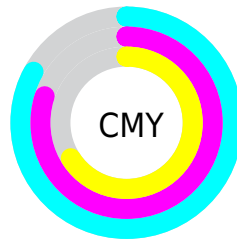
- Red (17%)
- Green (20%)
- Blue (34%)



- Red (17%)
- Yellow (19%)
- Blue (34%)



- Cyan (51%)
- Magenta (43%)
- Yellow (0%)
- Black (66%)



- Cyan (83%)
- Magenta (80%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281021015 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 4281021015 by changing the saturation by 10% instead.





4281021015



4281021015

4294967295



4279442751



4284178569



4278190890



4285888931



4278190356



4287599295



4278190080



4289375707



4291152119



4293059839

4294901759



4281021015



4281021015

■ 4280429399

■ 4281612631

■ 4279903063

■ 4282138967

■ 4279311447

■ 4282730583

■ 4278719831

■ 4283322199

■ 4278193751

■ 4283914071

■ 4284440151

■ 4285031767

■ 4285623639

■ 4286149719

# Harmonies

## Analogous

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



4278204505



4281021015



4282723148

# Triad

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



4281021015



4283509273



4278205741

# Complementary

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



4281021015



4283912235

# 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.



4280105756



4281021015



4282659087

# Square

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



4281021015



4283901225



4281546512



4278206016

# Rectangle

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



4281021015



4283442753



4281546512



4278533415



# Sweetspot

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



4281021015



4284441200



4281030480



4281217080



4290295992



4281874488



# Same Dimension

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



4281021015



4281087856



4282002263



4280756267



4278194539



4278199787



# Inverse Universe

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



4283902770



4285541431



4282930987



4281018152



4285202449



4293591077



# Previews

## White Background



This preview shows how the Android color 4281021015 looks on a white background.

## Color Contrast Check

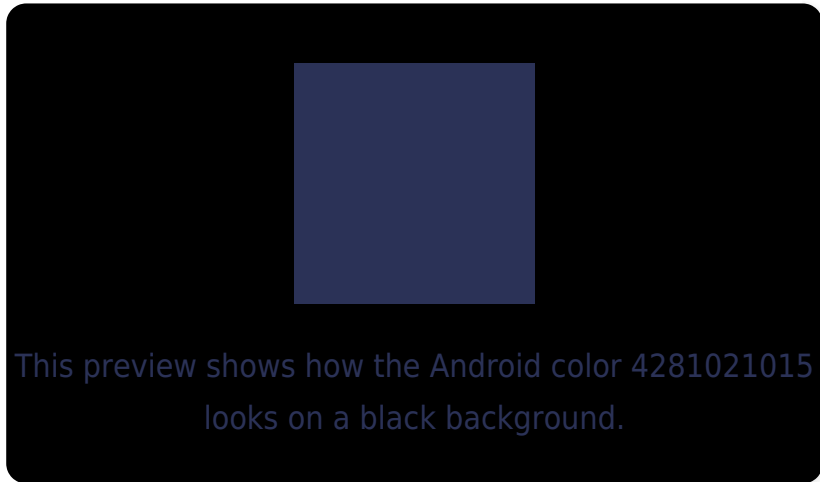
Large Text (above 18pt) WCAG AA ✓ Pass

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

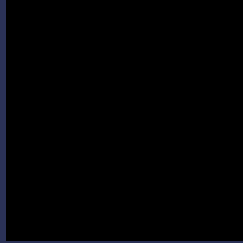
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281021015 Background



This preview shows how black text looks on a background with the Android color 4281021015.



This preview shows how white text looks on a background with the Android color 4281021015.

# 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**  
4281021015

**Protanopia**  
4280628056

**Deuteranopia**  
4280235350



# Trichromacy



**Original Color**  
4281021015

**Protanomaly**  
4280759128

**Deuteranomaly**  
4280497238

**Tritanomaly**  
4280694342

# Monochromacy



**Original Color**  
4281021015

**Achromatopsia**  
4281611316

**Achromatomaly**  
4281414465

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281021015 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(43, 50, 87)` looks like.

```
.text, #text, p{  
    color:rgb(43, 50, 87)  
}
```

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(43, 50, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 50, 87) }
```

## Border

The CSS property to change the border of an element to Android 4281021015 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(43, 50, 87) }
```

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

```
.border{ border-color:rgb(43, 50, 87) }
```

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

Here you see how a box with a 4 pixel rgb(43, 50, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 50, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 50, 87);  
box-shadow:4px 4px 4px 4px rgb(43, 50, 87)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281021015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 50, 87) }
```

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

```
.background{ background-color: rgb(43, 50,  
87) }
```

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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