

# Converting Colors

Android(4280829555)

Have a look what the booklet for  
Android(4280829555) contains.

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# Color

**Android(4280829555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	284673
RGB	40, 70, 115
RGB Percent	16%, 27%, 45%
CMY	0.8431, 0.7255, 0.5490
CMYK	0.65, 0.39, 0.00, 0.55
HSL	216°, 48%, 30%
HSV	216°, 65%, 45%
XYZ	6.1597, 6.0692, 17.0665
YIQ	66.1600, -32.3250, 7.6350

# Conversions

## Conversions Part 2

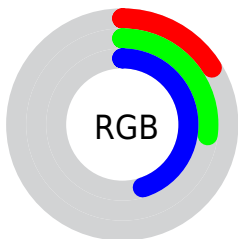
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	40, 61, 115
Decimal	2639475
CIE Lab	29.59, 4.34, -29.24
CIE LCh	30, 29.558, 278.451
Yxy	6.0692, 0.2103, 0.2072
Android (android.graphics.Color)	4280829555 (0xFF284673)
YUV	66.1600, 24.0781, -22.9423
Hunter-Lab	24.6358, 1.5180, -23.8281




# Details

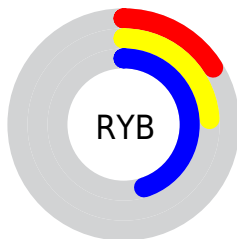
The Android color `4280829555` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4285748520`, and the grayscale version is `4282532418`.




A 20% lighter version of the original color is `4284315303`, and `4278197058` is the 20% darker color. If you saturate the color by 10%, you get `4280106867`, and if you desaturate by 10%, it is `4281552243`.

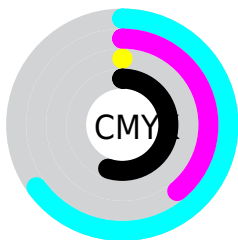
# Distribution







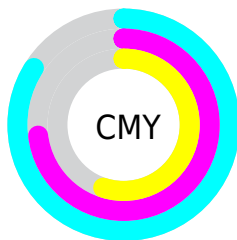
-  Red (16%)
-  Green (27%)
-  Blue (45%)






-  Red (16%)
-  Yellow (24%)
-  Blue (45%)



-  Cyan (65%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (84%)
-  Magenta (73%)
-  Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280829555 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 4280829555 by changing the saturation by 10% instead.





4280829555



4280829555

4294967295



4278595674



4284315303



4278197058



4286025923



4278190380



4287802079



4278190359



4289644027



4278190080



4291486207



4293394175



4280829555



4280829555



4280106867



4281552243

■ 4279318643

■ 4282340467

■ 4278530419

■ 4283128691

■ 4278201971

■ 4283851379

■ 4284639603

■ 4285362035

■ 4286150259

■ 4286872947

■ 4287661171

# Harmonies

## Analogous

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



4278209904



4280829555



4283448682

# Triad

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



4280829555



4285347370



4279128116

# Complementary

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



4280829555



4285748520

# 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.



4281617440



4280829555



4284497434

# Square

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



4280829555



4285542976



4283254550



4278210892

# Rectangle

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



4280829555



4284561246



4283254550



4280241965



# Sweetspot

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



4280829555



4286088342



4280841045



4282007885



4291611852



4283256141



# Same Dimension

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



4280829555



4280373398



4281280627



4281677627



4278202746



4278215930



# Inverse Universe

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



4285737030



4288029008



4285297448



4282070327



4286185521



4294574180



# Previews

## White Background



This preview shows how the Android color 4280829555 looks on a white background.

## Color Contrast Check

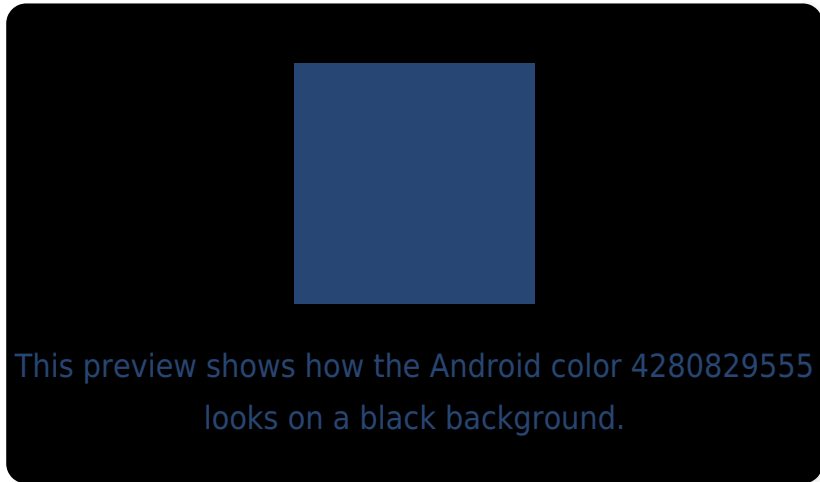
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280829555 Background



This preview shows how black text looks on a background with the Android color 4280829555.



This preview shows how white text looks on a background with the Android color 4280829555.

# 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**

4280829555

**Protanopia**

4281615473

**Deuteranopia**

4280829555



# Trichromacy



**Original Color**

4280829555

**Protanomaly**

4281353586

**Deuteranomaly**

4280829555

**Tritanomaly**

4280044127

# Monochromacy



**Original Color**

4280829555

**Achromatopsia**

4282532418

**Achromatomaly**

4281942868

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280829555 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(40, 70, 115)` looks like.

```
.text, #text, p{  
    color:rgb(40, 70, 115)  
}
```

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(40, 70, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 70, 115) }
```

## Border

The CSS property to change the border of an element to Android 4280829555 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(40, 70, 115) }
```

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

```
.border{ border-color:rgb(40, 70, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 70, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 70, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 70, 115);  
box-shadow:4px 4px 4px 4px rgb(40, 70,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4280829555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 70, 115) }
```

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

```
.background{ background-color: rgb(40, 70,  
115) }
```

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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