

# Converting Colors

Android(4280296555)

Have a look what the booklet for  
Android(4280296555) contains.

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# Color

**Android(4280296555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	20246B
RGB	32, 36, 107
RGB Percent	13%, 14%, 42%
CMY	0.8745, 0.8588, 0.5804
CMYK	0.70, 0.66, 0.00, 0.58
HSL	237°, 54%, 27%
HSV	237°, 70%, 42%
XYZ	3.8804, 2.6304, 14.2131
YIQ	42.8980, -25.1750, 21.2330

# Conversions

## Conversions Part 2

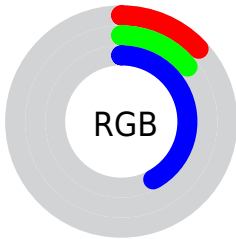
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 36, 107
Decimal	2106475
CIE <sub>Lab</sub>	18.50, 23.47, -41.98
CIE <sub>LCh</sub>	18, 48.090, 299.208
Yxy	2.6304, 0.1872, 0.1269
Android (android.graphics.Color)	4280296555 (0xFF20246B)
YUV	42.8980, 31.6023, -9.5575
Hunter-Lab	16.2184, 14.3254, -40.6063

# Details

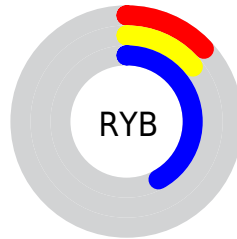
The Android color **4280296555** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4285228832**, and the grayscale version is **4281019179**.

A 20% lighter version of the original color is **4283912607**, and **4278190139** is the 20% darker color. If you saturate the color by 10%, you get **4279573099**, and if you desaturate by 10%, it is **4281020011**.

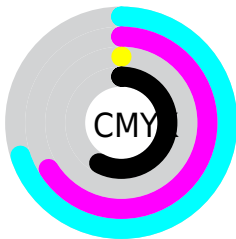
# Distribution



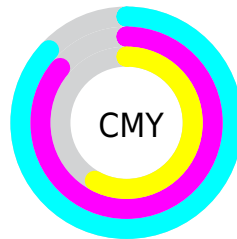
- Red (13%)
- Green (14%)
- Blue (42%)



- Red (13%)
- Yellow (14%)
- Blue (42%)



- Cyan (70%)
- Magenta (66%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (86%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280296555 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 4280296555 by changing the saturation by 10% instead.





4280296555



4280296555

4294967295



4278194258



4283912607



4278190139



4285688250



4278190628



4287464150



4278190092



4289240307



4278190080



4291082239



4292989951



4294963199



4280296555



4280296555

■ 4279573099

■ 4281020011

■ 4278915179

■ 4281677931

■ 4278191723

■ 4282401387

■ 4283125099

■ 4283848555

■ 4284506475

■ 4285229931

■ 4285953387

■ 4286611307

# Harmonies

## Analogous

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



4278202996



4280296555



4283696977

# Triad

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



4280296555



4283702016



4278204971

# Complementary

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



4280296555



4285228832

# 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.



4278204674



4280296555



4282002432

# Square

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



4280296555



4284743692



4279645184



4278205263

# Rectangle

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



4280296555



4284612667



4279645184



4278204959



# Sweetspot

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



4280296555



4285493388



4280314726



4281743175



4291282887



4282861383



# Same Dimension

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



4280296555



4279639436



4282458219



4281348150



4278191733



4278193653



# Inverse Universe

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



4285210660



4287370781



4283132704



4281741360



4285857798

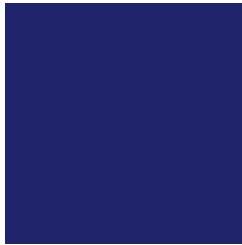


4294246413



# Previews

## White Background



This preview shows how the Android color 4280296555 looks on a white background.

## Color Contrast Check

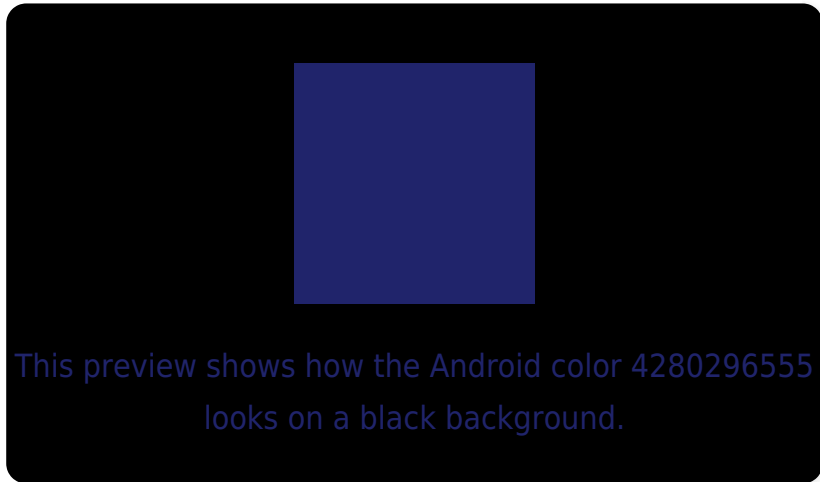
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280296555 Background



This preview shows how black text looks on a background with the Android color 4280296555.



This preview shows how white text looks on a background with the Android color 4280296555.

# 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**

4280296555

**Protanopia**

4278201437

**Deuteranopia**

4278202191



# Trichromacy



**Original Color**  
4280296555

**Protanomaly**  
4278987106

**Deuteranomaly**  
4278987609

**Tritanomaly**  
4278988105

# Monochromacy



**Original Color**  
4280296555

**Achromatopsia**  
4281019179

**Achromatomaly**  
4280756290

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280296555 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(32, 36, 107)` looks like.

```
.text, #text, p{  
    color:rgb(32, 36, 107)  
}
```

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(32, 36, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 36, 107) }
```

## Border

The CSS property to change the border of an element to Android 4280296555 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(32, 36, 107) }
```

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

```
.border{ border-color:rgb(32, 36, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 36, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 36, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 36, 107);  
box-shadow:4px 4px 4px 4px rgb(32, 36,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4280296555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 36, 107) }
```

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

```
.background{ background-color: rgb(32, 36,  
107) }
```

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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