

Converting Colors

Android(4281156734)

Have a look what the booklet for
Android(4281156734) contains.

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Color

Android(4281156734)

Conversions

Conversions Part 1

Format	Color
Hex	2D447E
RGB	45, 68, 126
RGB Percent	18%, 27%, 49%
CMY	0.8235, 0.7333, 0.5059
CMYK	0.64, 0.46, 0.00, 0.51
HSL	223°, 47%, 34%
HSV	223°, 64%, 49%
XYZ	6.9152, 6.1985, 20.5706
YIQ	67.7350, -32.3260, 13.1620

Conversions

Conversions Part 2

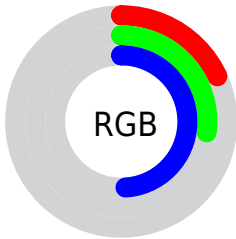
Format	Color
R_{YB}	45, 63, 126
Decimal	2966654
CIE _{Lab}	29.91, 10.86, -35.61
CIE _{LCh}	30, 37.227, 286.953
Yxy	6.1985, 0.2053, 0.1840
Android (android.graphics.Color)	4281156734 (0xFF2D447E)
YUV	67.7350, 28.7246, -19.9386
Hunter-Lab	24.8968, 6.0099, -31.5598

Details

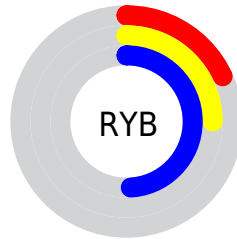
The Android color **4281156734** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4286474029**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4284708019**, and **4278196812** is the 20% darker color. If you saturate the color by 10%, you get **4280302462**, and if you desaturate by 10%, it is **4282011006**.

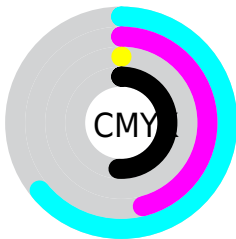
Distribution



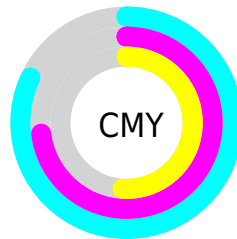
- Red (18%)
- Green (27%)
- Blue (49%)



- Red (18%)
- Yellow (25%)
- Blue (49%)



- Cyan (64%)
- Magenta (46%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (73%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281156734 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 4281156734 by changing the saturation by 10% instead.

■ 4281156734

■ 4281156734

4294967295

■ 4278922853

■ 4284708019

■ 4278196812

■ 4286483919

■ 4278190133

■ 4288260331

■ 4278190623

■ 4290102271

■ 4278190082

■ 4291944447

■ 4278190080

■ 4293852159

■ 4281156734

■ 4281156734

■ 4280302462

■ 4282011006

■ 4279513726

■ 4282799742

■ 4278659454

■ 4283654014

■ 4278199422

■ 4284442750

■ 4285297022

■ 4286151294

■ 4286940030

■ 4287794302

■ 4288583038

Harmonies

Analogous

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



4278209919



4281156734



4284233582

Triad

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



4281156734



4285674781



4278211384

Complementary

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



4281156734



4286474029

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.



4280504348



4281156734



4284432392

Square

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



4281156734



4286262071



4282731015



4278211670

Rectangle

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



4281156734



4285411166



4282731015



4278211375

Sweetspot

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



4281156734



4286877091



4281171558



4282336338



4291940817



4283585106

Same Dimension

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



4281156734



4280699299



4282199422



4281940800



4278199424



4278190080

Inverse Universe

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



4286459204



4288882249



4285431341



4282399035



4286578724



4278190080

Previews

White Background



This preview shows how the Android color 4281156734 looks on a white background.

Color Contrast Check

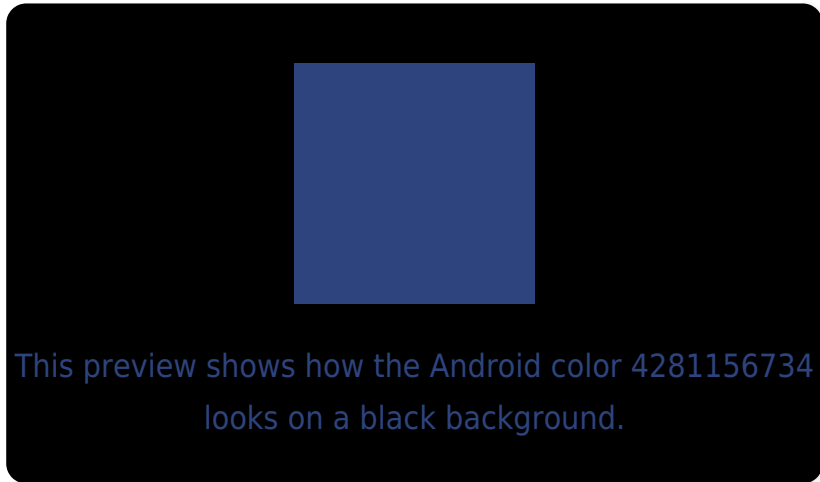
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281156734 Background



This preview shows how black text looks on a background with the Android color 4281156734.



This preview shows how white text looks on a background with the Android color 4281156734.

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
4281156734

Protanopia
4280960126

Deuteranopia
4279453565

Trichromacy



Original Color

4281156734

Protanomaly

4281025662

Deuteranomaly

4280043133

Tritanomaly

4280109667

Monochromacy



Original Color

4281156734

Achromatopsia

4282664004

Achromatomaly

4282139737

CSS Examples

Text

The CSS property to change the color of the text to Android 4281156734 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(45, 68, 126)` looks like.

```
.text, #text, p{  
    color:rgb(45, 68, 126)  
}
```

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(45, 68, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 68, 126) }
```

Border

The CSS property to change the border of an element to Android 4281156734 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(45, 68, 126) }
```

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

```
.border{ border-color:rgb(45, 68, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 68, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 68, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 68, 126);  
box-shadow:4px 4px 4px 4px rgb(45, 68,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4281156734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 68, 126) }
```

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

```
.background{ background-color: rgb(45, 68,  
126) }
```

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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