

Converting Colors

Android(4281160017)

Have a look what the booklet for
Android(4281160017) contains.

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Color

Android(4281160017)

Conversions

Conversions Part 1

Format	Color
Hex	2D5151
RGB	45, 81, 81
RGB Percent	18%, 32%, 32%
CMY	0.8235, 0.6824, 0.6824
CMYK	0.44, 0.00, 0.00, 0.68
HSL	180°, 29%, 25%
HSV	180°, 44%, 32%
XYZ	5.5098, 7.0368, 8.8524
YIQ	70.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

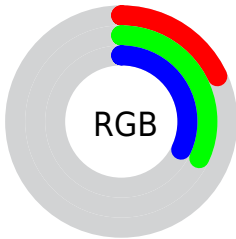
Format	Color
RYB	45, 63, 81
Decimal	2969937
CIELab	31.89, -12.92, -4.07
CIElCh	32, 13.542, 197.501
Yxy	7.0368, 0.2575, 0.3288
Android (android.graphics.Color)	4281160017 (0xFF2D5151)
YUV	70.2360, 5.3067, -22.1320
Hunter-Lab	26.5270, -9.3468, -1.2170

Details

The Android color `4281160017` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4283510061`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4284318338`, and `4278199333` is the 20% darker color. If you saturate the color by 10%, you get `4280635729`, and if you desaturate by 10%, it is `4281684305`.

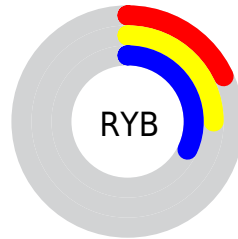
Distribution



 Red (18%)

 Green (32%)

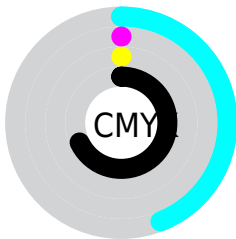
 Blue (32%)




 Red (18%)

 Yellow (25%)

 Blue (32%)

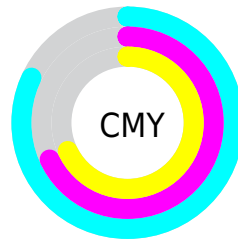


 Cyan (44%)

 Magenta (0%)

 Yellow (0%)

 Black (68%)



 Cyan (82%)

 Magenta (68%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281160017 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 4281160017 by changing the saturation by 10% instead.



4281160017



4281160017

4294967295



4279581242



4284318338



4278199333



4286029212



4278193424



4287739831



4278190080



4289516499



4291358703



4293197823



4281160017



4281160017



4280635729



4281684305

■ 4280111441

■ 4282208593

■ 4279587153

■ 4282732881

■ 4279062865

■ 4283257169

■ 4278538577

■ 4283846993

■ 4278210897

■ 4284371281

■ 4284895569

■ 4285419857

■ 4285944145

Harmonies

Analogous

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



4281684294



4281160017



4281225306

Triad

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



4281160017



4283713113



4283910454

Complementary

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



4281160017



4283510061

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.



4284368188



4281160017



4284302416

Square

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



4281160017



4282862175



4284564549



4283190327

Rectangle

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



4281160017



4281618014



4284564549



4284106808

Sweetspot

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



4281160017



4284180841



4281159981



4281153078



4290098613



4281742902

Same Dimension

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



4281160017



4281428329



4281155409



4280625449



4278217065



4278249704

Inverse Universe

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



4283510097



4285084009



4283514669



4280886569



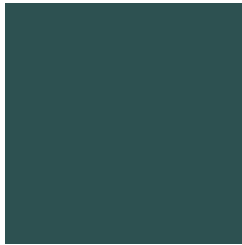
4285071465



4293394664

Previews

White Background



This preview shows how the Android color 4281160017 looks on a white background.

Color Contrast Check

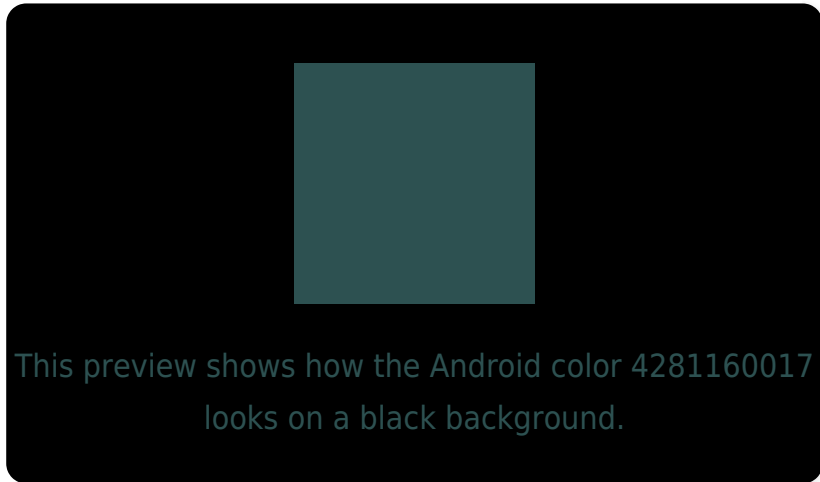
Large Text (above 18pt) WCAG AA ✓ Pass

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

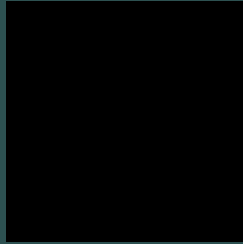
Any Text WCAG AA × Fail

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 4281160017 Background



This preview shows how black text looks on a background with the Android color 4281160017.



This preview shows how white text looks on a background with the Android color 4281160017.

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

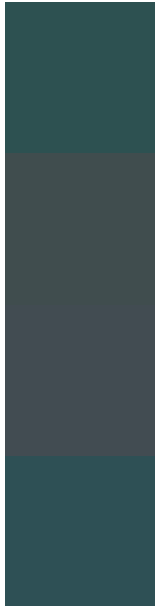


Original Color
4281160017

Protanopia
4283124301

Deuteranopia
4283320659

Trichromacy



Original Color

4281160017

Protanomaly

4282404174

Deuteranomaly

4282534994

Tritanomaly

4281225301

Monochromacy



Original Color

4281160017

Achromatopsia

4282795590

Achromatomaly

4282206794

CSS Examples

Text

The CSS property to change the color of the text to Android 4281160017 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, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(45, 81, 81)  
}
```

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, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 81, 81) }
```

Border

The CSS property to change the border of an element to Android 4281160017 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, 81, 81) }
```

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

```
.border{ border-color:rgb(45, 81, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(45, 81, 81)  
}
```

Background

The CSS property to change the background color of an element to Android 4281160017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 81, 81) }
```

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

```
.background{ background-color: rgb(45, 81,  
81) }
```

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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