

Converting Colors

Android(4281562471)

Have a look what the booklet for
Android(4281562471) contains.

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Color

Android(4281562471)

Conversions

Conversions Part 1

Format	Color
Hex	337567
RGB	51, 117, 103
RGB Percent	20%, 46%, 40%
CMY	0.8000, 0.5412, 0.5961
CMYK	0.56, 0.00, 0.12, 0.54
HSL	167°, 39%, 33%
HSV	167°, 56%, 46%
XYZ	10.1747, 14.4057, 15.0763
YIQ	95.6700, -34.8420, -18.3460

Conversions

Conversions Part 2

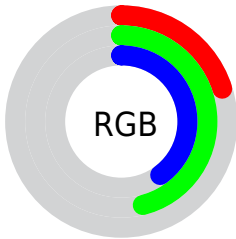
Format	Color
R_{YB}	51, 88, 117
Decimal	3372391
CIE Lab	44.81, -24.70, 1.37
CIE LCh	45, 24.737, 176.814
Yxy	14.4057, 0.2566, 0.3633
Android (android.graphics.Color)	4281562471 (0xFF337567)
YUV	95.6700, 3.6137, -39.1756
Hunter-Lab	37.9548, -18.5696, 3.0174

Details

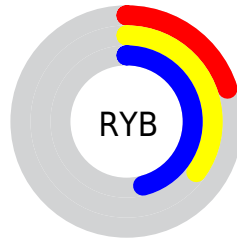
The Android color `4281562471` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285870913`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4285049242`, and `4278207544` is the 20% darker color. If you saturate the color by 10%, you get `4280776037`, and if you desaturate by 10%, it is `4282348905`.

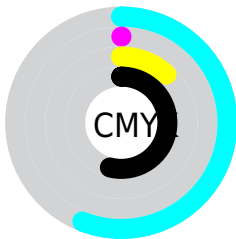
Distribution



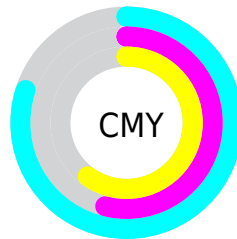
- Red (20%)
- Green (46%)
- Blue (40%)



- Red (20%)
- Yellow (35%)
- Blue (46%)



- Cyan (56%)
- Magenta (0%)
- Yellow (12%)
- Black (54%)



- Cyan (80%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281562471 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 4281562471 by changing the saturation by 10% instead.



4281562471



4281562471

4294967295



4279655503



4285049242



4278207544



4286760373



4278201635



4288537040



4278196749



4290379501



4278190080



4292280319



4294180863



4281562471



4281562471



4280776037



4282348905

■ 4280055138

■ 4283069804

■ 4279268704

■ 4283856238

■ 4278482269

■ 4284642673

■ 4278220124

■ 4285429107

■ 4286150006

■ 4286936440

■ 4287722875

■ 4288443773

Harmonies

Analogous

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



4283265875



4281562471



4280251772

Triad

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



4281562471



4285097359



4287258952

Complementary

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



4281562471



4285870913

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.



4287781720



4281562471



4286733953

Square

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



4281562471



4283067795



4287650413



4286212161

Rectangle

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



4281562471



4280447879



4287650413



4287520589

Sweetspot

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



4281562471



4286552467



4282479923



4282207561



4291611852



4283256141

Same Dimension

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



4281562471



4281440643



4281557621



4281678649



4278221408



4278254277

Inverse Universe

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



4285870913



4288229703



4285875763



4282070326



4286185498



4294574133

Previews

White Background



This preview shows how the Android color 4281562471 looks on a white background.

Color Contrast Check

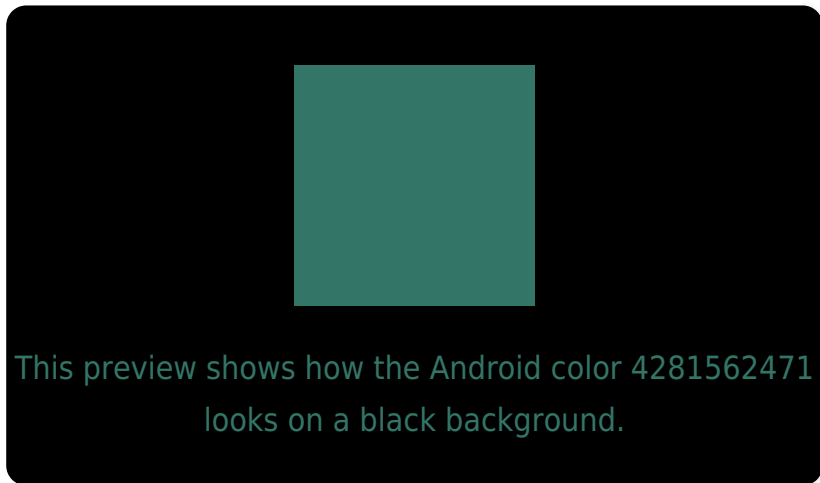
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281562471 Background



This preview shows how black text looks on a background with the Android color 4281562471.



This preview shows how white text looks on a background with the Android color 4281562471.

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
4281562471

Protanopia
4285360481

Deuteranopia
4285752938

Trichromacy



Original Color
4281562471

Protanomaly
4283985251

Deuteranomaly
4284246889

Tritanomaly
4281824116

Monochromacy



Original Color
4281562471

Achromatopsia
4284506208

Achromatomaly
4283459683

CSS Examples

Text

The CSS property to change the color of the text to Android 4281562471 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(51, 117, 103)` looks like.

```
.text, #text, p{  
    color:rgb(51, 117, 103)  
}
```

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(51, 117, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 117, 103) }
```

Border

The CSS property to change the border of an element to Android 4281562471 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(51, 117, 103) }
```

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

```
.border{ border-color:rgb(51, 117, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 117, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 117, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 117, 103);  
box-shadow:4px 4px 4px 4px rgb(51, 117,  
103) }
```

Background

The CSS property to change the background color of an element to Android 4281562471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 117, 103) }
```

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

```
.background{ background-color: rgb(51, 117,  
103) }
```

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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