

Converting Colors

Android(4281746767)

Have a look what the booklet for
Android(4281746767) contains.

Android(4281746767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281746767)

Conversions

Conversions Part 1

Format	Color
Hex	36454F
RGB	54, 69, 79
RGB Percent	21%, 27%, 31%
CMY	0.7882, 0.7294, 0.6902
CMYK	0.32, 0.13, 0.00, 0.69
HSL	204°, 19%, 26%
HSV	204°, 32%, 31%
XYZ	5.0607, 5.6050, 8.2123
YIQ	65.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

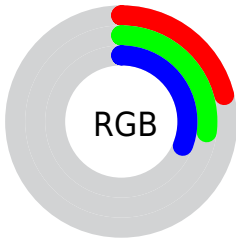
Format	Color
RYB	54, 63, 79
Decimal	3556687
CIELab	28.39, -3.25, -7.96
CIELCh	28, 8.598, 247.808
Yxy	5.6050, 0.2681, 0.2969
Android (android.graphics.Color)	4281746767 (0xFF36454F)
YUV	65.6550, 6.5791, -10.2214
Hunter-Lab	23.6749, -3.2752, -3.9939

Details

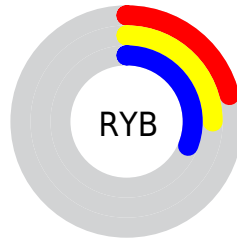
The Android color **4281746767** is a dark color, and the websafe version is hex **333333**, and the color name is **charcoal**. A complement of this color would be **4283383862**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4284839296**, and **4278917667** is the 20% darker color. If you saturate the color by 10%, you get **4281221711**, and if you desaturate by 10%, it is **4282271823**.

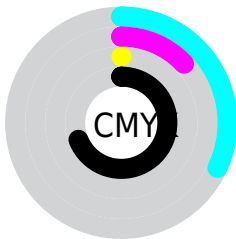
Distribution



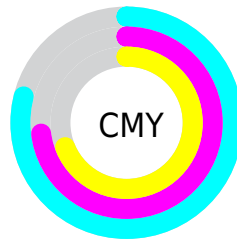
- Red (21%)
- Green (27%)
- Blue (31%)



- Red (21%)
- Yellow (25%)
- Blue (31%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (69%)



- Cyan (79%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281746767 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 4281746767 by changing the saturation by 10% instead.



4281746767



4281746767

4294967295



4280299320



4284839296



4278917667



4286549914



4278190092



4288260533



4278190080



4290036944



4291813613



4293721599



4281746767



4281746767



4281221711



4282271823

■ 4280696655

■ 4282796879

■ 4280171599

■ 4283321935

■ 4279646287

■ 4283847247

■ 4279121231

■ 4284372303

■ 4278661711

■ 4284831823

■ 4278202191

■ 4285356879

■ 4285881935

■ 4286406991

Harmonies

Analogous

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



4281484875



4281746767



4282270544

Triad

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



4281746767



4283514433



4282336568

Complementary

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



4281746767



4283383862

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.



4282794806



4281746767



4283449147

Square

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



4281746767



4283252552



4283253047



4281878078

Rectangle

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



4281746767



4282663247



4283253047



4282467383

Sweetspot

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



4281746767



4284310118



4281749312



4281151795



4289967027



4281545523

Same Dimension

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



4281746767



4282340966



4281743439



4280427814



4278205798



4278225638

Inverse Universe

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



4283381317



4284890966



4283387190



4280689189



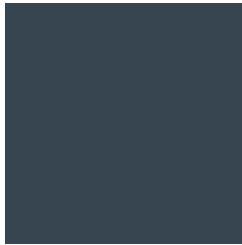
4284874813



4293263498

Previews

White Background



This preview shows how the Android color 4281746767 looks on a white background.

Color Contrast Check

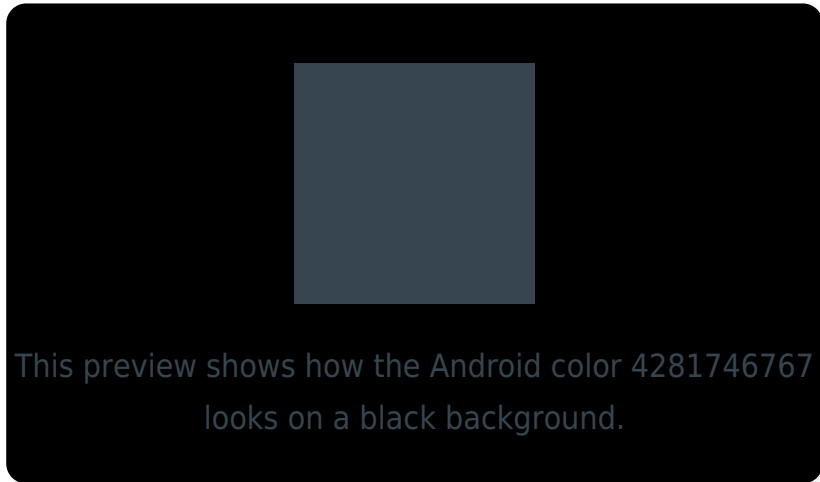
Large Text (above 18pt) WCAG AA ✓ Pass

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

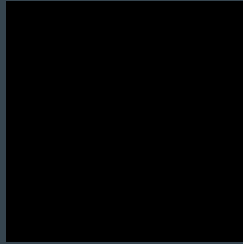
Any Text WCAG AA × Fail

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 4281746767 Background



This preview shows how black text looks on a background with the Android color 4281746767.



This preview shows how white text looks on a background with the Android color 4281746767.

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

4281746767

Protanopia

4282466893

Deuteranopia

4282597712

Trichromacy



Original Color

4281746767

Protanomaly

4282205006

Deuteranomaly

4282270288

Tritanomaly

4281681484

Monochromacy



Original Color

4281746767

Achromatopsia

4282532418

Achromatomaly

4282270535

CSS Examples

Text

The CSS property to change the color of the text to Android 4281746767 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(54, 69, 79)` looks like.

```
.text, #text, p{  
    color:rgb(54, 69, 79)  
}
```

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(54, 69, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 69, 79) }
```

Border

The CSS property to change the border of an element to Android 4281746767 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(54, 69, 79) }
```

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

```
.border{ border-color:rgb(54, 69, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 69, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 69, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 69, 79);  
box-shadow:4px 4px 4px 4px rgb(54, 69, 79)  
}
```

Background

The CSS property to change the background color of an element to Android 4281746767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 69, 79) }
```

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

```
.background{ background-color: rgb(54, 69,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor