

Converting Colors

Android(4281226830)

Have a look what the booklet for
Android(4281226830) contains.

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Color

Android(4281226830)

Conversions

Conversions Part 1

Format	Color
Hex	2E564E
RGB	46, 86, 78
RGB Percent	18%, 34%, 31%
CMY	0.8196, 0.6627, 0.6941
CMYK	0.47, 0.00, 0.09, 0.66
HSL	168°, 30%, 26%
HSV	168°, 47%, 34%
XYZ	5.8296, 7.7865, 8.4034
YIQ	73.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

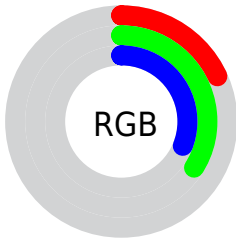
Format	Color
RYB	46, 68, 86
Decimal	3036750
CIELab	33.53, -16.33, 0.25
CIELCh	34, 16.328, 179.117
Yxy	7.7865, 0.2647, 0.3536
Android (android.graphics.Color)	4281226830 (0xFF2E564E)
YUV	73.1280, 2.4019, -23.7913
Hunter-Lab	27.9043, -11.5409, 1.6777

Details

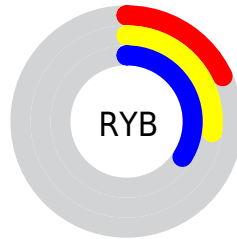
The Android color `4281226830` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4283838006`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4284450943`, and `4278200354` is the 20% darker color. If you saturate the color by 10%, you get `4280637004`, and if you desaturate by 10%, it is `4281816656`.

Distribution



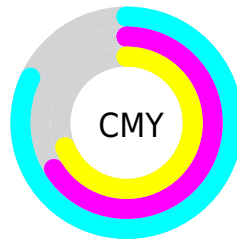
- Red (18%)
- Green (34%)
- Blue (31%)



- Red (18%)
- Yellow (27%)
- Blue (34%)



- Cyan (47%)
- Magenta (0%)
- Yellow (9%)
- Black (66%)





- Cyan (82%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281226830 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 4281226830 by changing the saturation by 10% instead.

 4281226830

 4281226830

4294967295

 4279648055

 4284450943

 4278200354

 4286096025

 4278195468

 4287806900


 4278190080

 4289583567

 4291426027

 4293263359

 4281226830

 4281226830

 4280637004

 4281816656

■ 4280112715

■ 4282340945

■ 4279522889

■ 4282930771

■ 4278998599

■ 4283455061

■ 4278408773

■ 4284044887

■ 4278212165

■ 4284634712

■ 4285159002

■ 4285748828

■ 4286273117

Harmonies

Analogous

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



4282144065



4281226830



4280768091

Triad

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



4281226830



4283452517



4284697145

Complementary

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



4281226830



4283838006

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.



4285089347



4281226830



4284434524

Square

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



4281226830



4282273896



4284958032



4283977269

Rectangle

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



4281226830



4280898914



4284958032



4284893244

Sweetspot

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



4281226830



4284510317



4281751086



4281284662



4290295992



4281874488

Same Dimension

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



4281226830



4281430116



4281223766



4280757034



4278217558



4278250428

Inverse Universe

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



4283838006



4285542718



4283841070



4281018152



4285202453



4293591087

Previews

White Background



This preview shows how the Android color 4281226830 looks on a white background.

Color Contrast Check

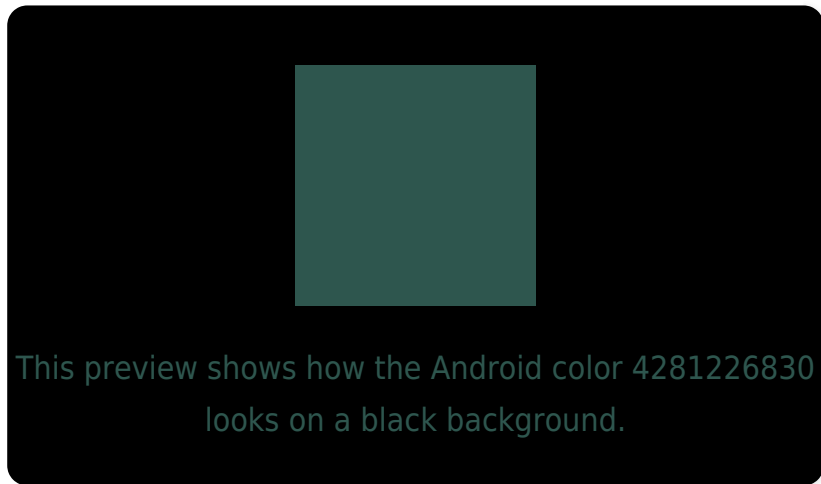
Large Text (above 18pt) WCAG AA ✓ Pass

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

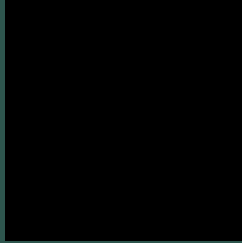
Any Text WCAG AA × Fail

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 4281226830 Background



This preview shows how black text looks on a background with the Android color 4281226830.



This preview shows how white text looks on a background with the Android color 4281226830.

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

4281226830

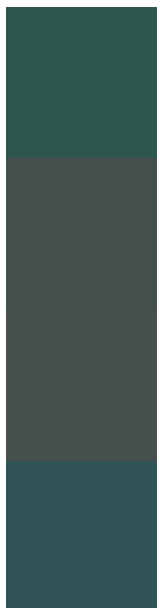
Protanopia

4283518538

Deuteranopia

4283780176

Trichromacy



Original Color

4281226830

Protanomaly

4282667339

Deuteranomaly

4282863695

Tritanomaly

4281423190

Monochromacy



Original Color

4281226830

Achromatopsia

4282992969

Achromatomaly

4282338891

CSS Examples

Text

The CSS property to change the color of the text to Android 4281226830 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(46, 86, 78)` looks like.

```
.text, #text, p{  
    color:rgb(46, 86, 78)  
}
```

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(46, 86, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 86, 78) }
```

Border

The CSS property to change the border of an element to Android 4281226830 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(46, 86, 78) }
```

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

```
.border{ border-color:rgb(46, 86, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 86, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 86, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 86, 78);  
box-shadow:4px 4px 4px 4px rgb(46, 86, 78)  
}
```

Background

The CSS property to change the background color of an element to Android 4281226830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 86, 78) }
```

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

```
.background{ background-color: rgb(46, 86,  
78) }
```

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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