

# Converting Colors

Android(4281204794)

Have a look what the booklet for  
Android(4281204794) contains.

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# Color

**Android(4281204794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E003A
RGB	46, 0, 58
RGB Percent	18%, 0%, 23%
CMY	0.8196, 1.0000, 0.7725
CMYK	0.21, 1.00, 0.00, 0.77
HSL	288°, 100%, 11%
HSV	288°, 100%, 23%
XYZ	1.8904, 0.8863, 4.0744
YIQ	20.3660, 8.7980, 27.7900

# Conversions

## Conversions Part 2

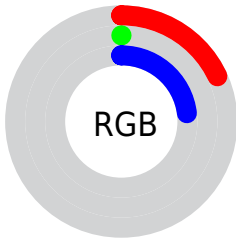
Format	Color
<a href="#">RYB</a>	<a href="#">46, 0, 58</a>
Decimal	<a href="#">3014714</a>
CIELab	<a href="#">8.01, 32.00, -25.51</a>
CIELCh	<a href="#">8, 40.918, 321.439</a>
Yxy	<a href="#">0.8863, 0.2759, 0.1294</a>
Android (android.graphics.Color)	<a href="#">4281204794 (0xFF2E003A)</a>
YUV	<a href="#">20.3660, 18.5536, 22.4810</a>
Hunter-Lab	<a href="#">9.4145, 19.3674, -19.0695</a>

# Details

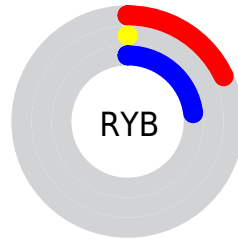
The Android color **4281204794** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278991360**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4284428138**, and **4278190092** is the 20% darker color. If you saturate the color by 10%, you get **4281204794**, and if you desaturate by 10%, it is **4281271866**.

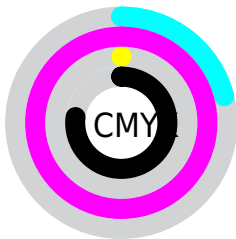
# Distribution



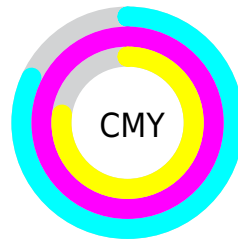
- Red (18%)
- Green (0%)
- Blue (23%)



- Red (18%)
- Yellow (0%)
- Blue (23%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)




- Cyan (82%)
- Magenta (100%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281204794 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 4281204794 by changing the saturation by 10% instead.



 4281204794

 4281204794

 4294960639

 4279894052

 4284428138

 4278190092

 4286072451

 4278190080


 4287848349

 4289624248

 4291465940

 4293307889

 4294953471

 4281204794

■ 4281271866

■ 4281338938

■ 4281471290

■ 4281538362

■ 4281605434

■ 4281672506

■ 4281739578

■ 4281871930

■ 4281939002

# Harmonies

## Analogous

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



4278195275



4281204794



4282449953

# Triad

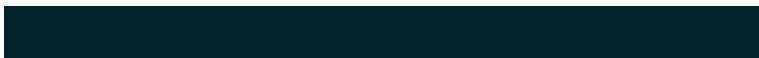
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281204794



4280620032



4278199339

# Complementary

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



4281204794



4278991360

# 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.



4278199053



4281204794



4278590720

# Square

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



4281204794



4281860864



4278198784



4278199106

# Rectangle

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



4281204794



4282646540



4278198784



4278199330



# Sweetspot

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



4281204794



4282922573



4278193466



4280490022



4289111718



4280690214



# Same Dimension

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



4281204794



4282187853



4281991210



4279965980



4282974300



4289593563



# Inverse Universe

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



4281991180



4283236368



4278204944



4280031514



4284219411



4292542509



# Previews

## White Background



This preview shows how the Android color 4281204794 looks on a white background.

## Color Contrast Check

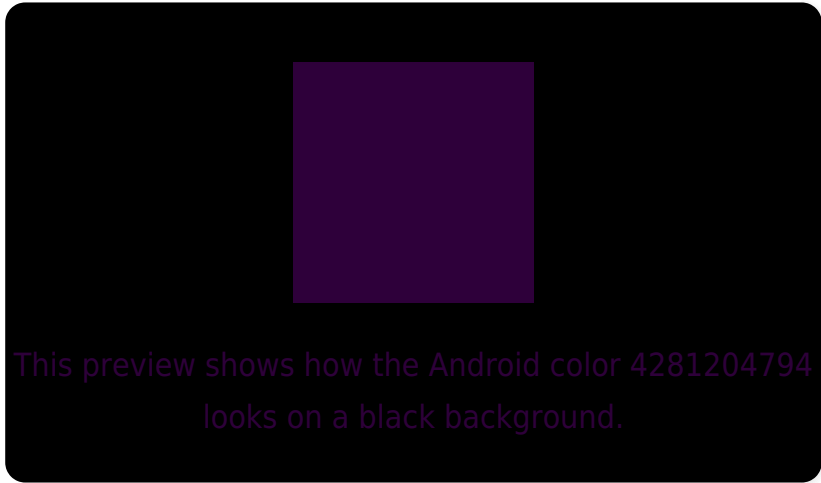
Large Text (above 18pt) WCAG AA ✓ Pass

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

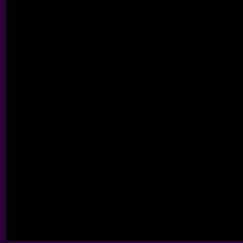
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281204794 Background



This preview shows how black text looks on a background with the Android color 4281204794.



This preview shows how white text looks on a background with the Android color 4281204794.

# 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](#).

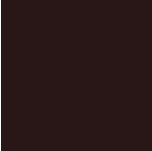
## Dichromacy



**Original Color**  
4281204794

**Protanopia**  
4278197050

**Deuteranopia**  
4278197554



**Tritanopia**  
4280882968

# Trichromacy



**Original Color**

4281204794

**Protanomaly**

4279308602

**Deuteranomaly**

4279308853

**Tritanomaly**

4281012004

# Monochromacy



**Original Color**

4281204794

**Achromatopsia**

4279505940

**Achromatomaly**

4280093986

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281204794 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, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(46, 0, 58)  
}
```

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, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 0, 58) }
```

## Border

The CSS property to change the border of an element to Android 4281204794 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, 0, 58) }
```

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

```
.border{ border-color:rgb(46, 0, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 0, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(46, 0, 58); box-shadow:4px  
4px 4px 4px rgb(46, 0, 58) }
```

# Background

The CSS property to change the background color of an element to Android 4281204794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 0, 58) }
```

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

```
.background{ background-color: rgb(46, 0,  
58) }
```

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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