

Converting Colors

Android(4280033793)

Have a look what the booklet for
Android(4280033793) contains.

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Color

Android(4280033793)

Conversions

Conversions Part 1

Format	Color
Hex	1C2201
RGB	28, 34, 1
RGB Percent	11%, 13%, 0%
CMY	0.8902, 0.8667, 0.9961
CMYK	0.18, 0.00, 0.97, 0.87
HSL	71°, 94%, 7%
HSV	71°, 97%, 13%
XYZ	1.0564, 1.3931, 0.2419
YIQ	28.4440, 7.0170, -11.5350

Conversions

Conversions Part 2

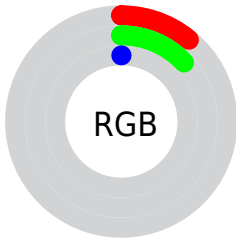
Format	Color
R_{YB}	1, 34, 7
Decimal	1843713
CIE _{Lab}	11.91, -8.73, 17.08
CIE _{LCh}	12, 19.177, 117.066
Yxy	1.3931, 0.3925, 0.5176
Android (android.graphics.Color)	4280033793 (0xFF1C2201)
YUV	28.4440, -13.5299, -0.3894
Hunter-Lab	11.8031, -4.6793, 7.0468

Details

The Android color **4280033793** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278649122**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4282863152**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280033792**, and if you desaturate by 10%, it is **4280099332**.

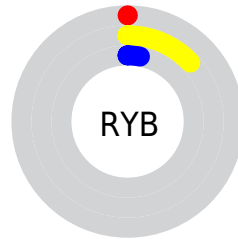
Distribution



Red (11%)

Green (13%)

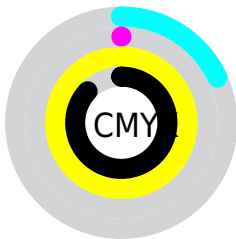
Blue (0%)



Red (0%)

Yellow (13%)

Blue (3%)

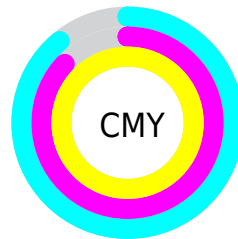


Cyan (18%)

Magenta (0%)

Yellow (97%)

Black (87%)



Cyan (89%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280033793 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 4280033793 by changing the saturation by 10% instead.

 4280033793

 4280033793

 4294967267

 4278193408

 4282863152

 4278190080

 4284442182

 4286087006

 4287797623

 4289574033

 4291350699

 4293192903

 4280033793

 4280033793

■ 4280033792

■ 4280099332

■ 4280099336

■ 4280164875

■ 4280164879

■ 4280230418

■ 4280295957

■ 4280295961

■ 4280361500

■ 4280427040

Harmonies

Analogous

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



4280884736



4280033793



4278854928

Triad

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



4280033793



4278199349



4281734177

Complementary

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



4280033793



4278649122

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.



4281210670



4280033793



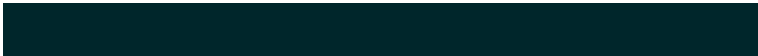
4278198586

Square

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



4280033793



4278199851



4280163383



4281799956

Rectangle

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



4280033793



4278199577



4280163383



4281668646

Sweetspot

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



4280033793



4280888095



4280420097



4279572239



4288059030



4279703319

Same Dimension

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



4280033793



4280494848



4278985217



4279374352



4282601984



4289450240

Inverse Universe

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



4278649122



4278714411



4279697698



4279242770



4279173202



4280680657

Previews

White Background



This preview shows how the Android color 4280033793 looks on a white background.

Color Contrast Check

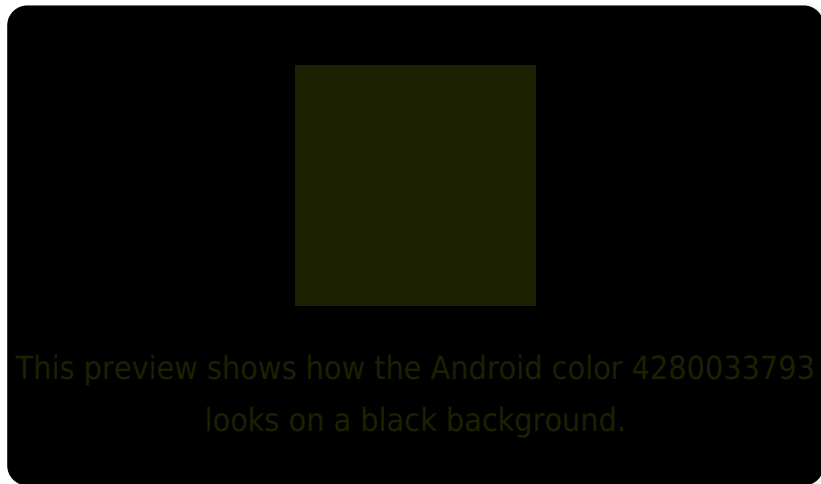
Large Text (above 18pt) WCAG AA ✓ Pass

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

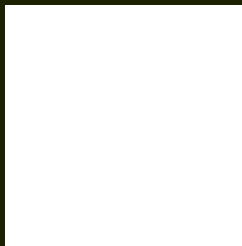
Any Text WCAG AAA × Fail

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

Android 4280033793 Background



This preview shows how black text looks on a background with the Android color 4280033793.

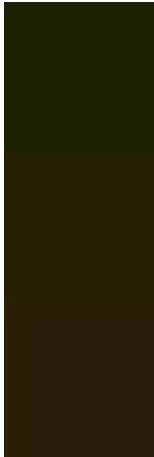


This preview shows how white text looks on a background with the Android color 4280033793.

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
4280033793

Protanopia
4280557568

Deuteranopia
4280819206

Trichromacy



Original Color

4280033793

Protanomaly

4280361216

Deuteranomaly

4280557316

Tritanomaly

4280164630

Monochromacy



Original Color

4280033793

Achromatopsia

4280032284

Achromatomaly

4280032786

CSS Examples

Text

The CSS property to change the color of the text to Android 4280033793 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(28, 34, 1)` looks like.

```
.text, #text, p{  
    color:rgb(28, 34, 1)  
}
```

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(28, 34, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 34, 1) }
```

Border

The CSS property to change the border of an element to Android 4280033793 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(28, 34, 1) }
```

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

```
.border{ border-color:rgb(28, 34, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 34, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 34, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 34, 1); box-shadow:4px  
4px 4px 4px rgb(28, 34, 1) }
```

Background

The CSS property to change the background color of an element to Android 4280033793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 34, 1) }
```

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

```
.background{ background-color: rgb(28, 34,  
1) }
```

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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