

Converting Colors

Android(4291021728)

Have a look what the booklet for
Android(4291021728) contains.

Android(4291021728)	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(4291021728)

Conversions

Conversions Part 1

Format	Color
Hex	C3CBA0
RGB	195, 203, 160
RGB Percent	76%, 80%, 63%
CMY	0.2353, 0.2039, 0.3725
CMYK	0.04, 0.00, 0.21, 0.20
HSL	71°, 29%, 71%
HSV	71°, 21%, 80%
XYZ	50.2068, 56.8520, 41.5851
YIQ	195.7060, 9.0350, -15.0690

Conversions

Conversions Part 2

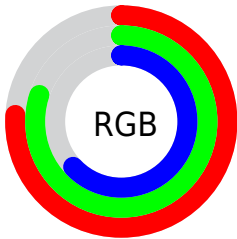
Format	Color
RYB	160, 203, 168
Decimal	12831648
CIELab	80.10, -10.03, 20.58
CIElCh	80, 22.888, 115.977
Yxy	56.8520, 0.3378, 0.3825
Android (android.graphics.Color)	4291021728 (0xFFC3CBA0)
YUV	195.7060, -17.6031, -0.6192
Hunter-Lab	75.4003, -13.0928, 20.0803

Details

The Android color `4291021728` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289241291`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4294770647`, and `4287468908` is the 20% darker color. If you saturate the color by 10%, you get `4290759564`, and if you desaturate by 10%, it is `4291283892`.

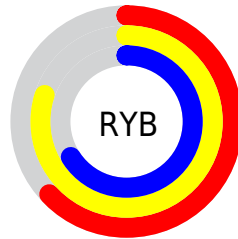
Distribution



Red (76%)

Green (80%)

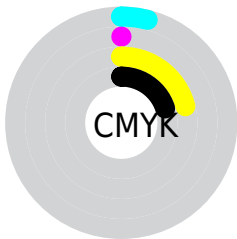
Blue (63%)



Red (63%)

Yellow (80%)

Blue (66%)

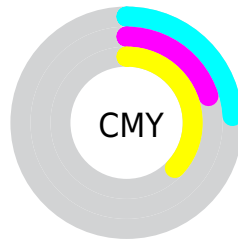


Cyan (4%)

Magenta (0%)

Yellow (21%)

Black (20%)



Cyan (24%)


Magenta (20%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291021728 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 4291021728 by changing the saturation by 10% instead.

 4291021728

 4291021728

4294967295

 4289245318

 4294770647

 4287468908

 4294967283

 4285758292

 4284113468

 4282534438

 4281086993

 4279770880

 4278190336

 4278190080


 4291021728

 4291021728

 4290759564

 4291283892

 4290497399

 4291546057

 4290300771

 4291742685

 4290038607

 4292004849

 4289776443

 4292267007

 4289514278

 4292529151

 4289317650

 4292725759

 4289055488

 4292987903

 4293250047

Harmonies

Analogous

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



4292527260



4291021728



4289450158

Triad

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



4291021728



4287877097



4293900490

Complementary

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



4291021728



4289241291

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.



4292918239



4291021728



4289382897

Square

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



4291021728



4287419096



4291281645



4294162613

Rectangle

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



4291021728



4288467644



4291281645



4293638610

Sweetspot

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



4291021728



4294770672



4291537056



4286480503



4278190080



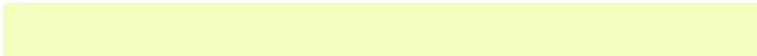
4286611584

Same Dimension

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



4291021728



4294180799



4289645472



4284769884



4287079936



4280231424

Inverse Universe

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



4289241291



4291543039



4290617547



4284374118



4280221862



4278648870

Previews

White Background



This preview shows how the Android color 4291021728 looks on a white background.

Color Contrast Check

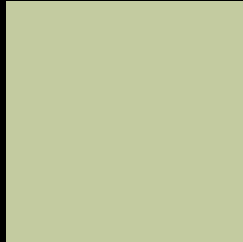
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4291021728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

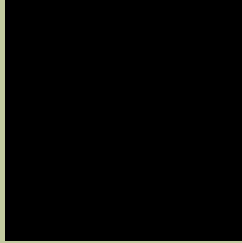
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

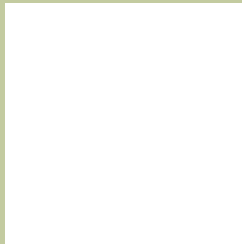
Any Text WCAG AAA ✓ Pass

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

Android 4291021728 Background



This preview shows how black text looks on a background with the Android color 4291021728.



This preview shows how white text looks on a background with the Android color 4291021728.

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
4291021728

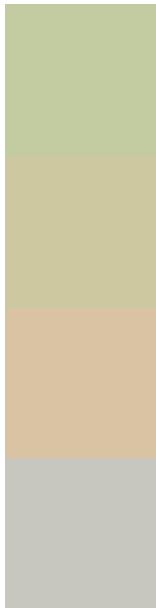
Protanopia
4292069022

Deuteranopia
4293312419



Tritanopia
4291478739

Trichromacy



Original Color
4291021728

Protanomaly
4291676319

Deuteranomaly
4292461474

Tritanomaly
4291282880

Monochromacy



Original Color
4291021728

Achromatopsia
4291085508

Achromatomaly
4291086263

CSS Examples

Text

The CSS property to change the color of the text to Android 4291021728 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(195, 203, 160)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 160)  
}
```

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(195, 203, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 160) }
```

Border

The CSS property to change the border of an element to Android 4291021728 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(195, 203, 160) }
```

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

```
.border{ border-color:rgb(195, 203, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 160);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4291021728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 160) }
```

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

```
.background{ background-color: rgb(195,  
203, 160) }
```

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