

Converting Colors

Android(4291745010)

Have a look what the booklet for
Android(4291745010) contains.

Android(4291745010)	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(4291745010)

Conversions

Conversions Part 1

Format	Color
Hex	CED4F2
RGB	206, 212, 242
RGB Percent	81%, 83%, 95%
CMY	0.1922, 0.1686, 0.0510
CMYK	0.15, 0.12, 0.00, 0.05
HSL	230°, 58%, 88%
HSV	230°, 15%, 95%
XYZ	65.0241, 66.6196, 93.4361
YIQ	213.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

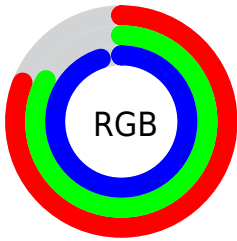
Format	Color
R _Y B	206, 211, 242
Decimal	13554930
CIE Lab	85.31, 3.88, -15.38
CIE LCh	85, 15.864, 284.169
Yxy	66.6196, 0.2889, 0.2960
Android (android.graphics.Color)	4291745010 (0xFFCED4F2)
YUV	213.6260, 13.9884, -6.6880
Hunter-Lab	81.6208, -0.6325, -10.7382

Details

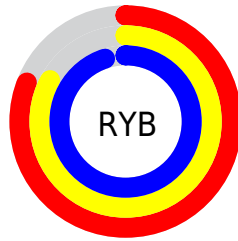
The Android color `4291745010` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4294110414`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967295`, and `4288126394` is the 20% darker color. If you saturate the color by 10%, you get `4290167026`, and if you desaturate by 10%, it is `4293322994`.

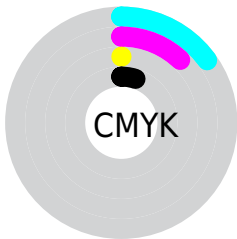
Distribution



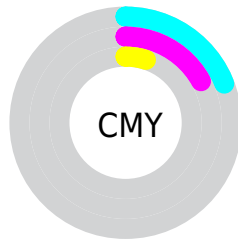
- Red (81%)
- Green (83%)
- Blue (95%)



- Red (81%)
- Yellow (83%)
- Blue (95%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)




- Cyan (19%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291745010 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 4291745010 by changing the saturation by 10% instead.

 4291745010

 4291745010

4294967295

 4289902806

 4288126394

 4286415775

 4284770949


 4283191915


 4281613139

 4280165948

 4278718758

 4278190353

 4291745010

 4291745010

 4290167026

 4293322994

 4288589042

 4294900978

 4286945522

 4294967282

 4285367282

 4283789298

 4282211314

 4280633330

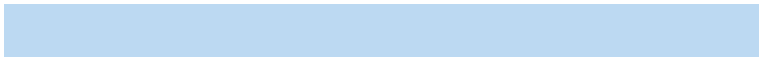
 4278989810

 4278200562

Harmonies

Analogous

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



4290566642



4291745010



4292988907

Triad

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



4291745010



4294168001



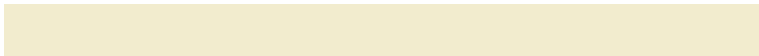
4290371020

Complementary

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



4291745010



4294110414

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.



4291353535



4291745010



4293513657

Square

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



4291745010



4294298574



4292531896



4289781468

Rectangle

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



4291745010



4293643746



4292531896



4290698696

Sweetspot

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



4291745010



4294309887



4291752684



4286151296



4278190080



4286611584

Same Dimension

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



4291745010



4291942911



4292529906



4285296248



4278198200



4278192440

Inverse Universe

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



4294102740



4294955481



4293325518



4286082158



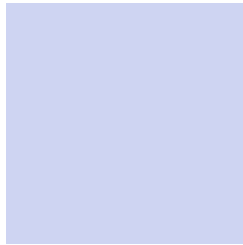
4290248735



4281860105

Previews

White Background



This preview shows how the Android color 4291745010 looks on a white background.

Color Contrast Check

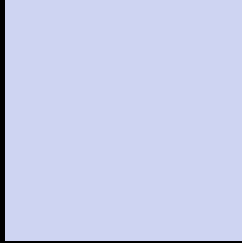
Large Text (above 18pt) WCAG AA × Fail

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 4291745010 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 4291745010 Background



This preview shows how black text looks on a background with the Android color 4291745010.

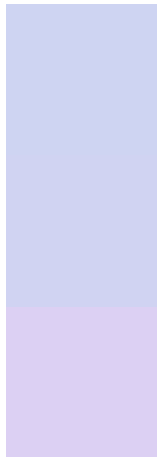


This preview shows how white text looks on a background with the Android color 4291745010.

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](#).

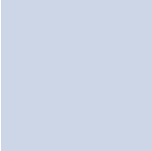
Dichromacy



Original Color
4291745010

Protanopia
4291875826

Deuteranopia
4292661491



Tritanopia
4291614439

Trichromacy



Original Color
4291745010

Protanomaly
4291810290

Deuteranomaly
4292334067

Tritanomaly
4291679723

Monochromacy



Original Color
4291745010

Achromatopsia
4292269782

Achromatomaly
4292072928

CSS Examples

Text

The CSS property to change the color of the text to Android 4291745010 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(206, 212, 242)` looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 242)  
}
```

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(206, 212, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 242) }
```

Border

The CSS property to change the border of an element to Android 4291745010 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(206, 212, 242) }
```

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

```
.border{ border-color:rgb(206, 212, 242) }
```

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

Here you see how a box with a 4 pixel rgb(206, 212, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 242);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4291745010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 242) }
```

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

```
.background{ background-color: rgb(206,  
212, 242) }
```

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