

Converting Colors

Android(4291093749)

Have a look what the booklet for
Android(4291093749) contains.

Android(4291093749)	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(4291093749)

Conversions

Conversions Part 1

Format	Color
Hex	C4E4F5
RGB	196, 228, 245
RGB Percent	77%, 89%, 96%
CMY	0.2314, 0.1059, 0.0392
CMYK	0.20, 0.07, 0.00, 0.04
HSL	201°, 71%, 86%
HSV	201°, 20%, 96%
XYZ	66.9898, 73.8151, 97.1032
YIQ	220.3700, -24.5290, -1.4970

Conversions

Conversions Part 2

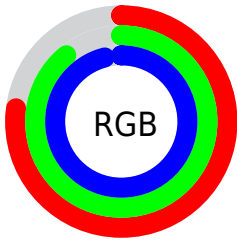
Format	Color
R _Y B	196, 215, 245
Decimal	12903669
CIE Lab	88.84, -6.91, -11.76
CIE LCh	89, 13.640, 239.566
Yxy	73.8151, 0.2816, 0.3103
Android (android.graphics.Color)	4291093749 (0xFFC4E4F5)
YUV	220.3700, 12.1426, -21.3725
Hunter-Lab	85.9157, -11.1734, -6.8694

Details

The Android color `4291093749` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294301124`, and the grayscale version is `4292664540`.

A 20% lighter version of the original color is `4294836223`, and `4287540669` is the 20% darker color. If you saturate the color by 10%, you get `4289453301`, and if you desaturate by 10%, it is `4292734453`.

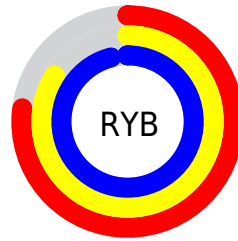
Distribution



Red (77%)

Green (89%)

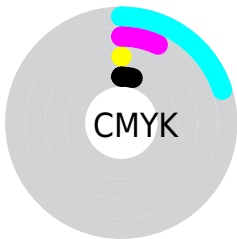
Blue (96%)



Red (77%)

Yellow (84%)

Blue (96%)

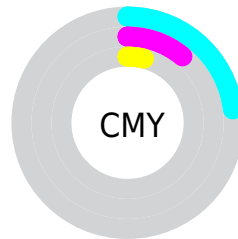


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (23%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291093749 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 4291093749 by changing the saturation by 10% instead.

 4291093749

 4291093749

4294967295

 4289251545

4294836223

 4287540669

 4285764258

 4284119176

 4282540142

 4280961110

 4279316799

 4278197545

 4278190356

■ 4291093749

■ 4291093749

■ 4289453301

■ 4292734453

■ 4287878133

■ 4294309365

■ 4286303221

■ 4294967029

■ 4284662517

■ 4294967285

■ 4283087349

■ 4281446901

■ 4279806197

■ 4278231285

Harmonies

Analogous

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



4290701035



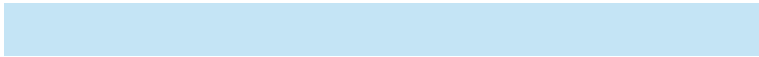
4291093749



4291944697

Triad

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



4291093749



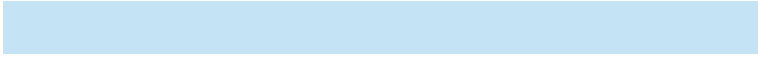
4294563552



4292600520

Complementary

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



4291093749



4294301124

Split Complementary

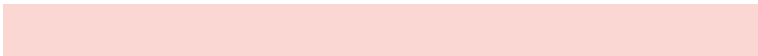
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293582533



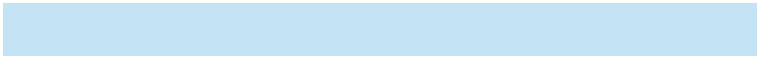
4291093749



4294694867

Square

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



4291093749



4293974252



4294302409



4291683794

Rectangle

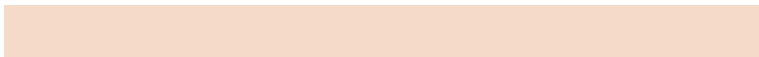
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291093749



4292664823



4294302409



4292993479

Sweetspot

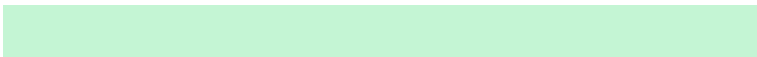
The Sweet Spot groups the original color and five complimentary colors.



4291093749



4293982975



4291098068



4286020736



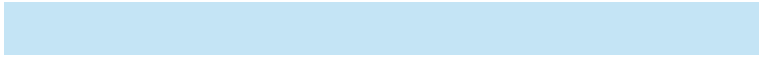
4278190080



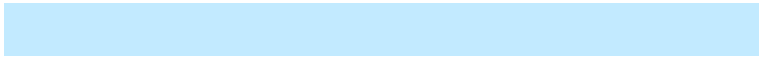
4286611584

Same Dimension

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



4291093749



4290964223



4291087605



4285429370



4278221498



4278199867

Inverse Universe

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



4294296804



4294951658



4294307268



4286213750



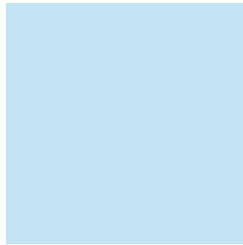
4290379898



4282056742

Previews

White Background



This preview shows how the Android color 4291093749 looks on a white background.

Color Contrast Check

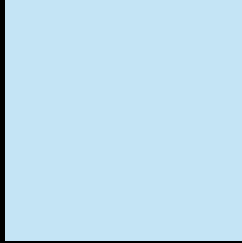
Large Text (above 18pt) WCAG AA × Fail

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 4291093749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

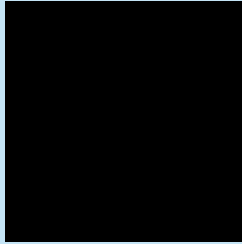
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

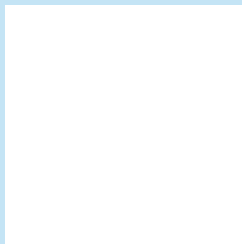
Any Text WCAG AAA ✓ Pass

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

Android 4291093749 Background



This preview shows how black text looks on a background with the Android color 4291093749.

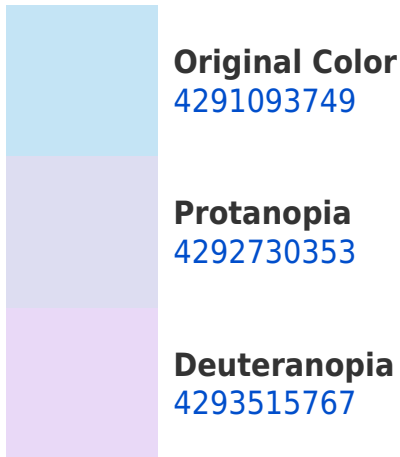


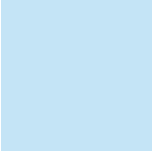
This preview shows how white text looks on a background with the Android color 4291093749.

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](#).

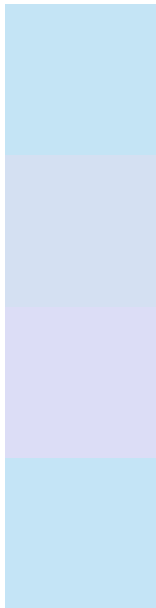
Dichromacy





Tritanopia
4291093750

Trichromacy



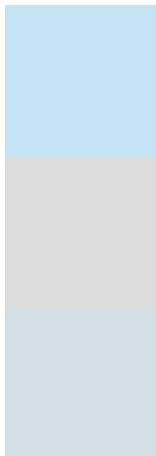
Original Color
4291093749

Protanomaly
4292141298

Deuteranomaly
4292664822

Tritanomaly
4291093750

Monochromacy



Original Color
4291093749

Achromatopsia
4292664540

Achromatomaly
4292075493

CSS Examples

Text

The CSS property to change the color of the text to Android 4291093749 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(196, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(196, 228, 245)  
}
```

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(196, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 228, 245) }
```

Border

The CSS property to change the border of an element to Android 4291093749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

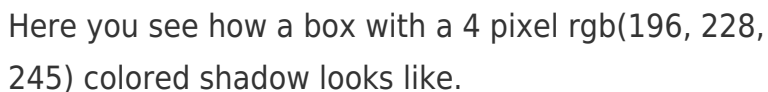
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 228, 245) }
```

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

```
.border{ border-color:rgb(196, 228, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 228, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 228, 245); box-shadow:4px 4px 4px 4px rgb(196, 228, 245) }
```

Background

The CSS property to change the background color of an element to Android 4291093749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 228, 245) }
```

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

```
.background{ background-color: rgb(196,  
228, 245) }
```

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