

Converting Colors

Android(4291096828)

Have a look what the booklet for
Android(4291096828) contains.

Android(4291096828)	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(4291096828)

Conversions

Conversions Part 1

Format	Color
Hex	C4F0FC
RGB	196, 240, 252
RGB Percent	77%, 94%, 99%
CMY	0.2314, 0.0588, 0.0118
CMYK	0.22, 0.05, 0.00, 0.01
HSL	193°, 90%, 88%
HSV	193°, 22%, 99%
XYZ	71.4957, 81.0842, 103.9781
YIQ	228.2120, -30.0760, -5.5960

Conversions

Conversions Part 2

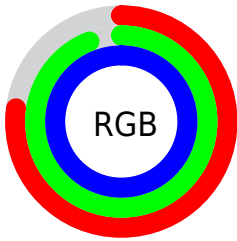
Format	Color
R_{YB}	196, 221, 252
Decimal	12906748
CIE _{Lab}	92.17, -11.52, -10.45
CIE _{LCh}	92, 15.555, 222.218
Yxy	81.0842, 0.2787, 0.3160
Android (android.graphics.Color)	4291096828 (0xFFC4F0FC)
YUV	228.2120, 11.7275, -28.2499
Hunter-Lab	90.0468, -15.8557, -5.4301

Details

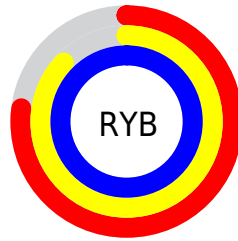
The Android color `4291096828` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294758596`, and the grayscale version is `4293190884`.

A 20% lighter version of the original color is `4294836223`, and `4287477955` is the 20% darker color. If you saturate the color by 10%, you get `4289457148`, and if you desaturate by 10%, it is `4292736508`.

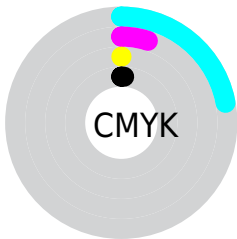
Distribution



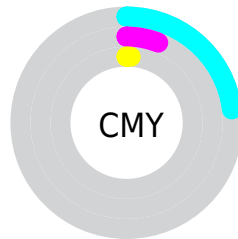
- Red (77%)
- Green (94%)
- Blue (99%)



- Red (77%)
- Yellow (87%)
- Blue (99%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291096828 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 4291096828 by changing the saturation by 10% instead.

 4291096828

 4291096828

4294967295

 4289254623

4294836223

 4287477955

 4285767080

 4284056462

 4282411636

 4280767068

 4278925892

 4278199598

 4278193945

■ 4291096828

■ 4291096828

■ 4289457148

■ 4292736508

■ 4287817212

■ 4294376444

■ 4286111996

4294967292

■ 4284472060

■ 4282832380

■ 4281192700

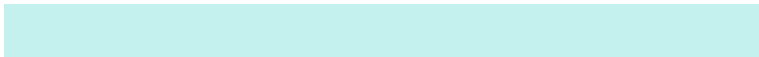
■ 4279552764

■ 4278241020

Harmonies

Analogous

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



4291097070



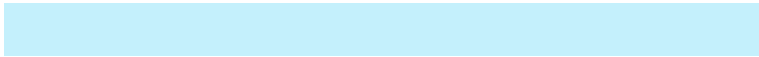
4291096828



4291816959

Triad

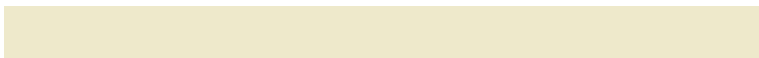
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291096828



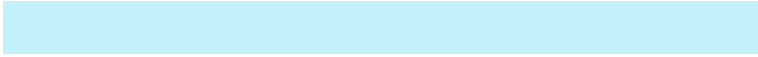
4294959090



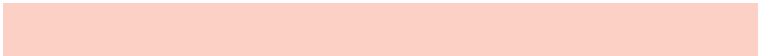
4293847499

Complementary

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



4291096828



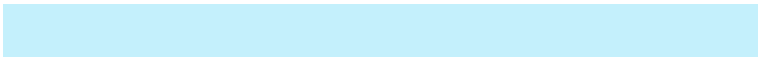
4294758596

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.



4294829516



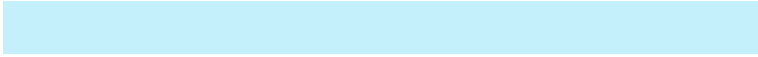
4291096828



4294958819

Square

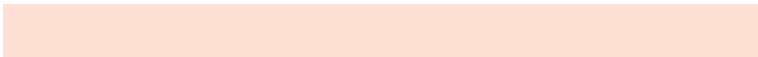
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



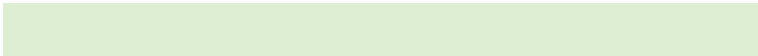
4291096828



4294173695



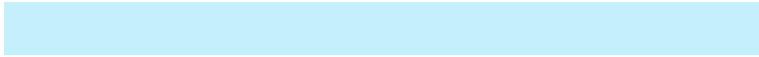
4294959317



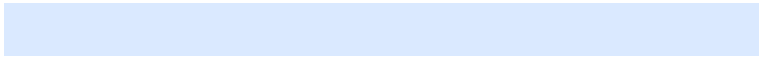
4292734674

Rectangle

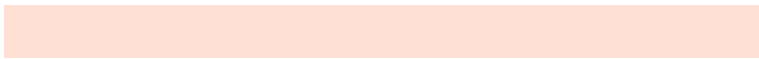
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291096828



4292536831



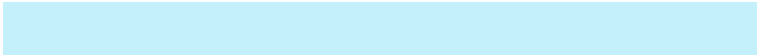
4294959317



4294240459

Sweetspot

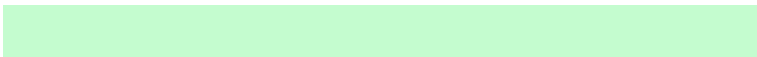
The Sweet Spot groups the original color and five complimentary colors.



4291096828



4293786623



4291099855



4285889920



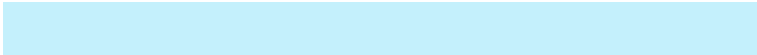
4278190080



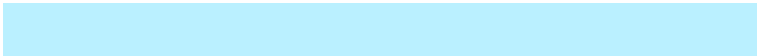
4286611584

Same Dimension

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



4291096828



4290441471



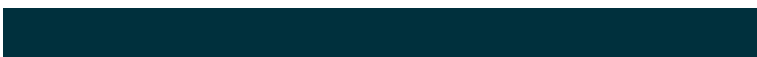
4291089916



4285561469



4278228157



4278202429

Inverse Universe

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



4294755568



4294949616



4294765508



4286410874



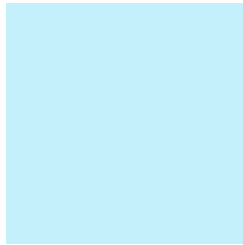
4290576532



4282187824

Previews

White Background



This preview shows how the Android color 4291096828 looks on a white background.

Color Contrast Check

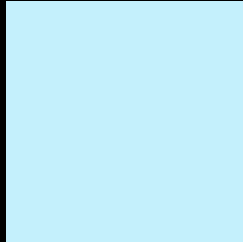
Large Text (above 18pt) WCAG AA × Fail

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 4291096828 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 4291096828 Background



This preview shows how black text looks on a background with the Android color 4291096828.



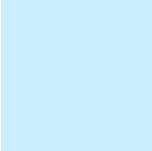
This preview shows how white text looks on a background with the Android color 4291096828.

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](#).

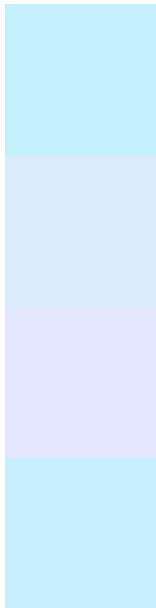
Dichromacy





Tritanopia
4291489535

Trichromacy



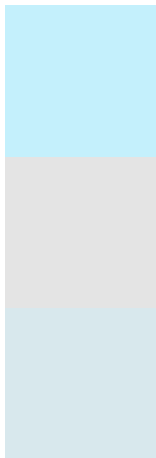
Original Color
4291096828

Protanomaly
4292602616

Deuteranomaly
4293126142

Tritanomaly
4291358718

Monochromacy



Original Color
4291096828

Achromatopsia
4293190884

Achromatomaly
4292405485

CSS Examples

Text

The CSS property to change the color of the text to Android 4291096828 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, 240, 252)` looks like.

```
.text, #text, p{  
    color:rgb(196, 240, 252)  
}
```

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, 240, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 240, 252) }
```

Border

The CSS property to change the border of an element to Android 4291096828 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, 240, 252) }
```

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

```
.border{ border-color:rgb(196, 240, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 240, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 240, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 240, 252);  
box-shadow:4px 4px 4px 4px rgb(196, 240,  
252) }
```

Background

The CSS property to change the background color of an element to Android 4291096828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 240, 252) }
```

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

```
.background{ background-color: rgb(196,  
240, 252) }
```

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