

Converting Colors

Android(4291096564)

Have a look what the booklet for
Android(4291096564) contains.

Android(4291096564)	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(4291096564)

Conversions

Conversions Part 1

Format	Color
Hex	C4EFF4
RGB	196, 239, 244
RGB Percent	77%, 94%, 96%
CMY	0.2314, 0.0627, 0.0431
CMYK	0.20, 0.02, 0.00, 0.04
HSL	186°, 69%, 86%
HSV	186°, 20%, 96%
XYZ	69.9606, 80.0004, 97.3423
YIQ	226.7130, -27.2330, -7.5610

Conversions

Conversions Part 2

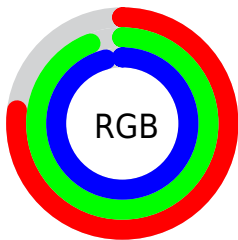
Format	Color
R _Y B	196, 219, 244
Decimal	12906484
CIE Lab	91.69, -12.71, -7.00
CIE LCh	92, 14.513, 208.857
Yxy	80.0004, 0.2829, 0.3235
Android (android.graphics.Color)	4291096564 (0xFFC4EFF4)
YUV	226.7130, 8.5225, -26.9353
Hunter-Lab	89.4430, -16.9058, -1.9162

Details

The Android color `4291096564` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294232516`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294836223`, and `4287477692` is the 20% darker color. If you saturate the color by 10%, you get `4289522932`, and if you desaturate by 10%, it is `4292670196`.

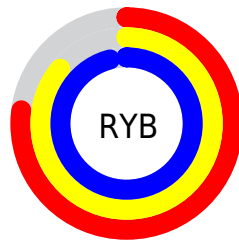
Distribution



Red (77%)

Green (94%)

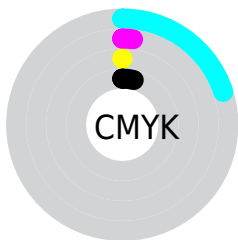
Blue (96%)



Red (77%)

Yellow (86%)

Blue (96%)

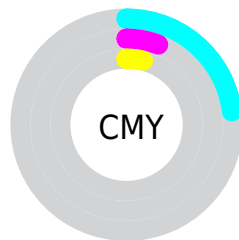


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (6%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291096564 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 4291096564 by changing the saturation by 10% instead.

 4291096564

 4291096564

4294967295

 4289254360

4294836223

 4287477692

 4285766817

 4284121735

 4282476909

 4280832341

 4279188030

 4278199336

 4278193172

 4291096564

 4291096564

 4289522932

 4292670196

 4287884020

 4294309108

 4286310388


 4294965236

 4284671476

 4294965748

 4283097844

 4294966516

 4281524468

 4294967028

 4279885300

 4294967284

 4278311924

 4278246388

Harmonies

Analogous

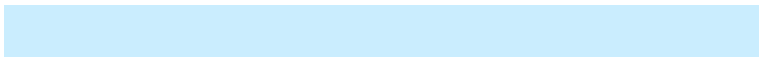
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4291358694



4291096564



4291489278

Triad

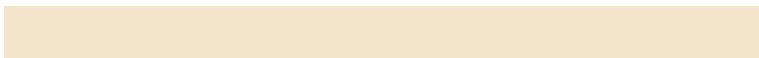
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291096564



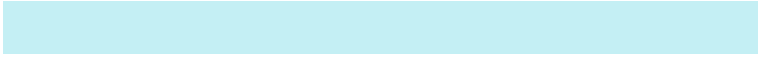
4294566134



4294174412

Complementary

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



4291096564



4294232516

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.



4294959824



4291096564



4294958824

Square

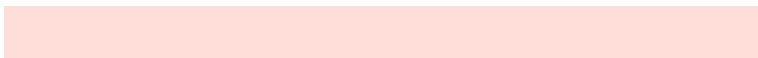
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291096564



4293518591



4294958810



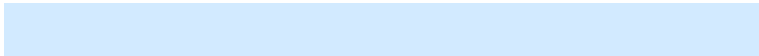
4293192399

Rectangle

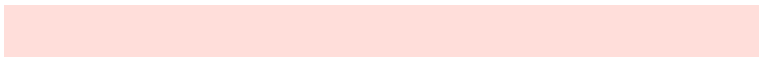
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



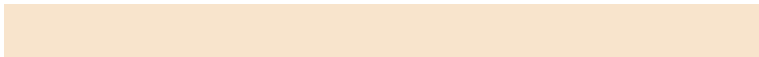
4291096564



4292012799



4294958810



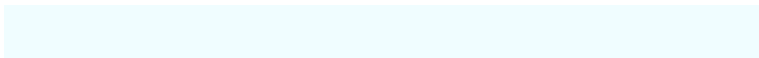
4294501580

Sweetspot

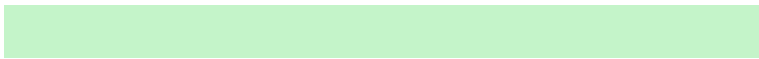
The Sweet Spot groups the original color and five complimentary colors.



4291096564



4293983743



4291097801



4286021504



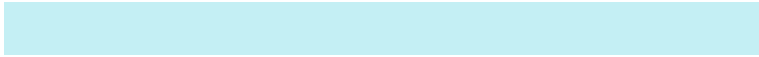
4278190080



4286611584

Same Dimension

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



4291096564



4290968063



4291090420



4285430138



4278233018



4278203707

Inverse Universe

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



4294231279



4294951673



4294238660



4286213753



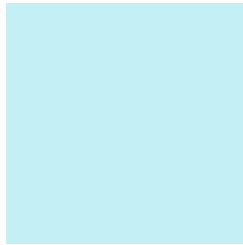
4290379943



4282056757

Previews

White Background



This preview shows how the Android color 4291096564 looks on a white background.

Color Contrast Check

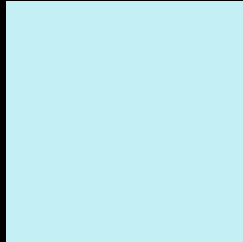
Large Text (above 18pt) WCAG AA × Fail

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 4291096564 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 4291096564 Background



This preview shows how black text looks on a background with the Android color 4291096564.



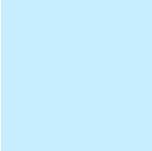
This preview shows how white text looks on a background with the Android color 4291096564.

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](#).

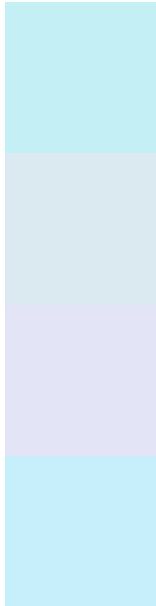
Dichromacy





Tritanopia
4291358207

Trichromacy



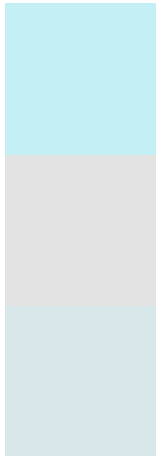
Original Color
4291096564

Protanomaly
4292602352

Deuteranomaly
4293125622

Tritanomaly
4291292923

Monochromacy



Original Color
4291096564

Achromatopsia
4293125091

Achromatomaly
4292405225

CSS Examples

Text

The CSS property to change the color of the text to Android 4291096564 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, 239, 244)` looks like.

```
.text, #text, p{  
    color:rgb(196, 239, 244)  
}
```

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, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 239, 244) }
```

Border

The CSS property to change the border of an element to Android 4291096564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

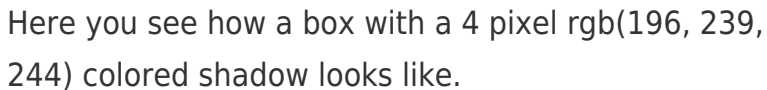
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 239, 244) }
```

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

```
.border{ border-color:rgb(196, 239, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 239, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 239, 244); box-shadow:4px 4px 4px 4px rgb(196, 239, 244) }
```

Background

The CSS property to change the background color of an element to Android 4291096564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 239, 244) }
```

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

```
.background{ background-color: rgb(196,  
239, 244) }
```

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