

Converting Colors

Android(4291620004)

Have a look what the booklet for
Android(4291620004) contains.

Android(4291620004)	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(4291620004)

Conversions

Conversions Part 1

Format	Color
Hex	CCECA4
RGB	204, 236, 164
RGB Percent	80%, 93%, 64%
CMY	0.2000, 0.0745, 0.3569
CMYK	0.14, 0.00, 0.31, 0.07
HSL	87°, 65%, 78%
HSV	87°, 31%, 93%
XYZ	61.5981, 75.5086, 46.4500
YIQ	218.2240, 4.0400, -29.1760

Conversions

Conversions Part 2

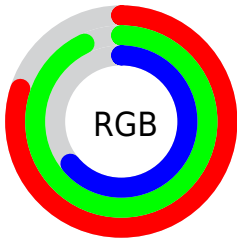
Format	Color
RYB	164, 236, 196
Decimal	13429924
CIELab	89.63, -22.61, 31.56
CIELCh	90, 38.827, 125.618
Yxy	75.5086, 0.3356, 0.4114
Android (android.graphics.Color)	4291620004 (0xFFCCECA4)
YUV	218.2240, -26.7324, -12.4744
Hunter-Lab	86.8957, -25.5334, 29.1336

Details

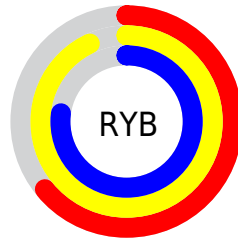
The Android color `4291620004` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4291077356`, and the grayscale version is `4292532954`.

A 20% lighter version of the original color is `4294967259`, and `4288001136` is the 20% darker color. If you saturate the color by 10%, you get `4290964620`, and if you desaturate by 10%, it is `4292275388`.

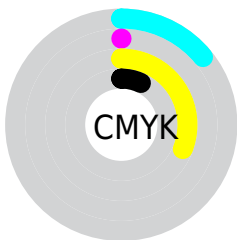
Distribution



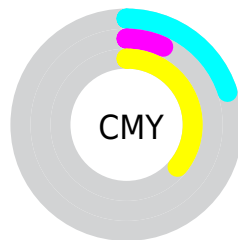
- Red (80%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)




- Cyan (20%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291620004 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 4291620004 by changing the saturation by 10% instead.

 4291620004

 4291620004

4294967295

 4289777801

 4294967259

 4288001136

 4294967288

 4286290262

 4284579646

 4282934823


 4281355791

 4279842560

 4278198784

 4278190080

 4291620004

 4291620004

 4290964620

 4292275388

 4290243701

 4292996307

 4289588317

 4293651691

 4288867398

 4294372607

 4288212014

 4294962431

 4287491094

 4286835712

Harmonies

Analogous

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



4294238615



4291620004



4288738242

Triad

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



4291620004



4286901759



4294952412

Complementary

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



4291620004



4291077356

Split Complementary

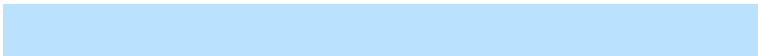
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294953727



4291620004



4290437887

Square

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



4291620004



4284937471



4293907967



4294953656

Rectangle

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



4291620004



4286903770



4293907967



4294952680

Sweetspot

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



4291620004



4294311912



4293706660



4286152817



4278190080



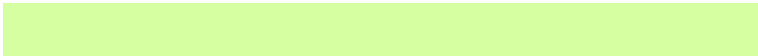
4286611584

Same Dimension

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



4291620004



4292214689



4289326244



4285560170



4284855552



4280169984

Inverse Universe

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



4291077356



4291535359



4293371116



4285491829



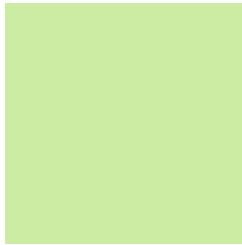
4283433141



4279762998

Previews

White Background



This preview shows how the Android color 4291620004 looks on a white background.

Color Contrast Check

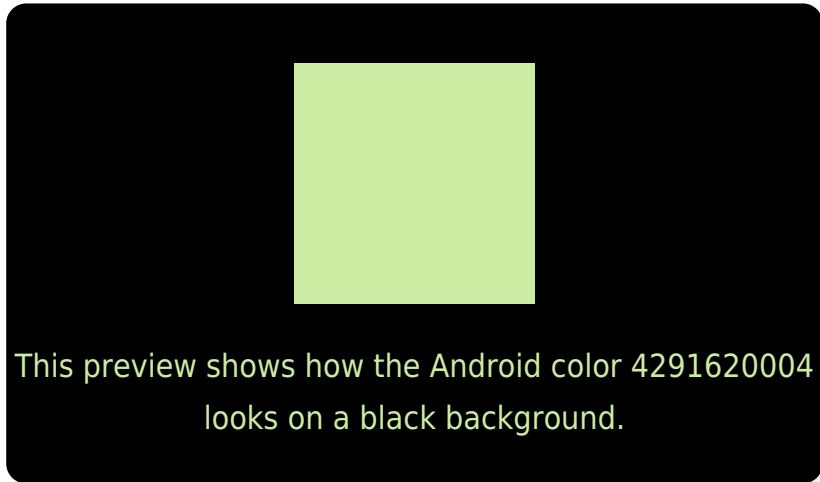
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4291620004 Background



This preview shows how black text looks on a background with the Android color 4291620004.



This preview shows how white text looks on a background with the Android color 4291620004.

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](#).

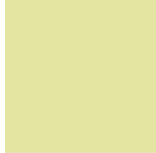
Dichromacy



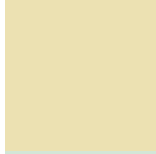
Trichromacy



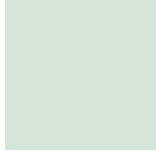
Original Color
4291620004



Protanomaly
4293191073

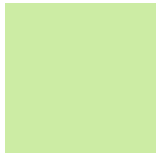


Deuteranomaly
4293714354

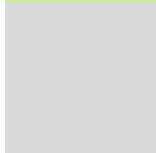


Tritanomaly
4292077271

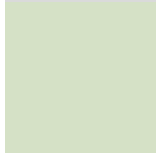
Monochromacy



Original Color
4291620004



Achromatopsia
4292532954



Achromatomaly
4292207046

CSS Examples

Text

The CSS property to change the color of the text to Android 4291620004 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(204, 236, 164)` looks like.

```
.text, #text, p{  
    color:rgb(204, 236, 164)  
}
```

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(204, 236, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 236, 164) }
```

Border

The CSS property to change the border of an element to Android 4291620004 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(204, 236, 164) }
```

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

```
.border{ border-color:rgb(204, 236, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 236, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 236, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 236, 164);  
box-shadow:4px 4px 4px 4px rgb(204, 236,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4291620004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 236, 164) }
```

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

```
.background{ background-color: rgb(204,  
236, 164) }
```

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