

Converting Colors

Android(4290965600)

Have a look what the booklet for
Android(4290965600) contains.

Android(4290965600)	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(4290965600)

Conversions

Conversions Part 1

Format	Color
Hex	C2F060
RGB	194, 240, 96
RGB Percent	76%, 94%, 38%
CMY	0.2392, 0.0588, 0.6235
CMYK	0.19, 0.00, 0.60, 0.06
HSL	79°, 83%, 66%
HSV	79°, 60%, 94%
XYZ	55.5195, 74.6340, 22.5460
YIQ	209.8300, 18.8080, -54.5360

Conversions

Conversions Part 2

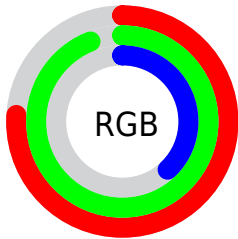
Format	Color
RYB	96, 240, 142
Decimal	12775520
CIELab	89.22, -35.58, 63.09
CIElCh	89, 72.433, 119.417
Yxy	74.6340, 0.3636, 0.4888
Android (android.graphics.Color)	4290965600 (0xFFC2F060)
YUV	209.8300, -56.1182, -13.8829
Hunter-Lab	86.3910, -36.4704, 45.0004

Details

The Android color `4290965600` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4287521008`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4294836119`, and `4287215654` is the 20% darker color. If you saturate the color by 10%, you get `4290441288`, and if you desaturate by 10%, it is `4291489912`.

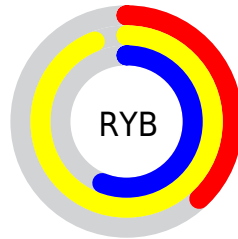
Distribution



Red (76%)

Green (94%)

Blue (38%)



Red (38%)

Yellow (94%)

Blue (56%)

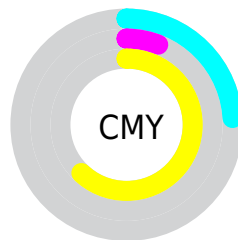


Cyan (19%)

Magenta (0%)

Yellow (60%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290965600 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 4290965600 by changing the saturation by 10% instead.

 4290965600

 4290965600

4294967295

 4289057860

 4294836119

 4287215654

 4294967220

 4285373696

 4294967248

 4283597312

 4294967277

 4281755904

 4279718144

 4278204672

 4278199552

 4278190080

 4290965600

 4290965600

 4290441288

 4291489912

 4289982512

 4291948688

 4289458200

 4292473000

 4288933888

 4292997312

 4293456088

 4293980400

 4294504703

 4294963455

Harmonies

Analogous

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



4294958157



4290965600



4284677271

Triad

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



4290965600



4278254079



4294943460

Complementary

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



4290965600



4287521008

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.



4294947583



4290965600



4281460991

Square

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



4290965600



4278255615



4292923135



4294945440

Rectangle

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



4290965600



4278255556



4292923135



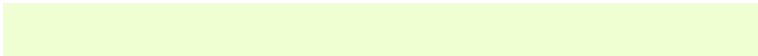
4294944252

Sweetspot

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



4290965600



4293984209



4293955168



4286021731



4278190080



4286611584

Same Dimension

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



4290965600



4291100487



4286247008



4285823084



4286429184



4280694784

Inverse Universe

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



4287521008



4286728191



4292239600



4285557880



4282056888



4279369784

Previews

White Background



This preview shows how the Android color 4290965600 looks on a white background.

Color Contrast Check

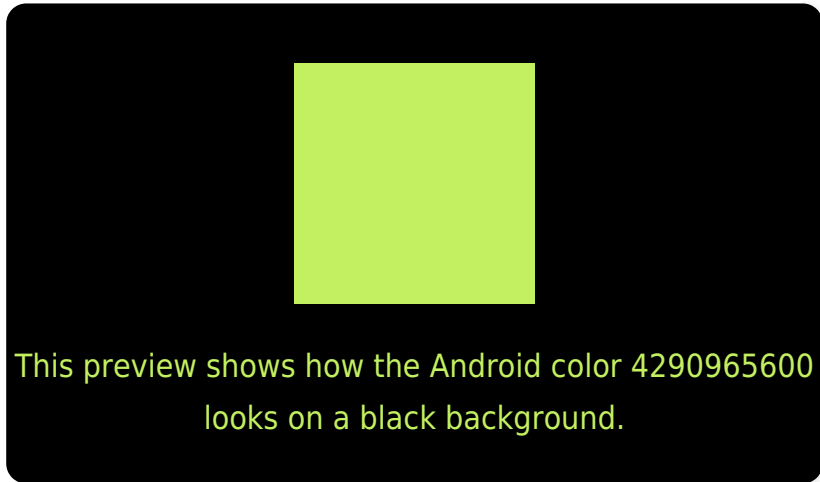
Large Text (above 18pt) WCAG AA × Fail

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 4290965600 Background



This preview shows how black text looks on a background with the Android color 4290965600.

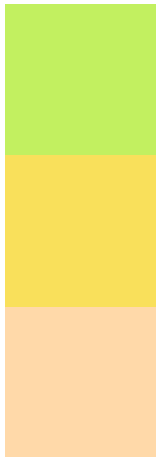


This preview shows how white text looks on a background with the Android color 4290965600.

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

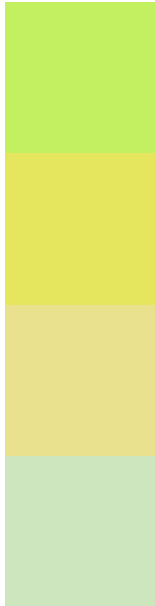


Original Color
4290965600

Protanopia
4294565979

Deuteranopia
4294957481

Trichromacy



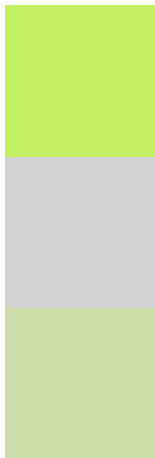
Original Color
4290965600

Protanomaly
4293256797

Deuteranomaly
4293517710

Tritanomaly
4291684030

Monochromacy



Original Color
4290965600

Achromatopsia
4292006610

Achromatomaly
4291616169

CSS Examples

Text

The CSS property to change the color of the text to Android 4290965600 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(194, 240, 96)` looks like.

```
.text, #text, p{  
    color:rgb(194, 240, 96)  
}
```

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(194, 240, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 240, 96) }
```

Border

The CSS property to change the border of an element to Android 4290965600 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(194, 240, 96) }
```

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

```
.border{ border-color:rgb(194, 240, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 240, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 240, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 240, 96);  
box-shadow:4px 4px 4px 4px rgb(194, 240,  
96) }
```

Background

The CSS property to change the background color of an element to Android 4290965600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 240, 96) }
```

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

```
.background{ background-color: rgb(194,  
240, 96) }
```

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