

Converting Colors

Android(4285908520)

Have a look what the booklet for
Android(4285908520) contains.

Android(4285908520)	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(4285908520)

Conversions

Conversions Part 1

Format	Color
Hex	75C628
RGB	117, 198, 40
RGB Percent	46%, 78%, 16%
CMY	0.5412, 0.2235, 0.8431
CMYK	0.41, 0.00, 0.80, 0.22
HSL	91°, 66%, 47%
HSV	91°, 80%, 78%
XYZ	27.9132, 44.3233, 9.0916
YIQ	155.7690, 2.4420, -66.3100

Conversions

Conversions Part 2

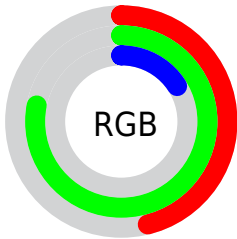
Format	Color
RYB	40, 198, 121
Decimal	7718440
CIELab	72.44, -48.88, 65.07
CIELCh	72, 81.385, 126.909
Yxy	44.3233, 0.3432, 0.5450
Android (android.graphics.Color)	4285908520 (0xFF75C628)
YUV	155.7690, -57.0741, -34.0004
Hunter-Lab	66.5757, -41.6678, 38.5064

Details

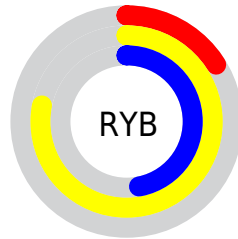
The Android color `4285908520` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4286130374`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4289724259`, and `4282027776` is the 20% darker color. If you saturate the color by 10%, you get `4285253140`, and if you desaturate by 10%, it is `4286563900`.

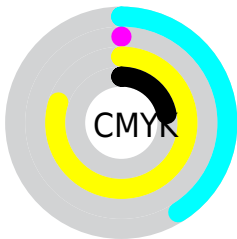
Distribution



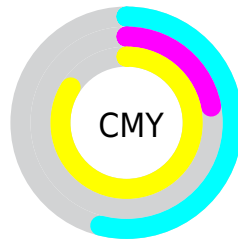
- Red (46%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (47%)



- Cyan (41%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285908520 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 4285908520 by changing the saturation by 10% instead.



4285908520



4285908520

4294967295



4284000768



4289724259



4282027776



4291624831



4279530752



4293590939



4278213632



4294967223



4278207232



4294967252



4278201600



4294967282



4278194176



4278190080



4285908520



4285908520

■ 4285253140

■ 4286563900

■ 4284597760

■ 4287219280

■ 4284532224

■ 4287874659

■ 4288595575

■ 4289250955

■ 4289906335

■ 4290561715

■ 4291217094

■ 4291872474

Harmonies

Analogous

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



4291146752



4285908520



4278243444

Triad

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



4285908520



4278241791



4294927012

Complementary

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



4285908520



4286130374

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.



4294931182



4285908520



4278236671

Square

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



4285908520



4278244095



4291335935



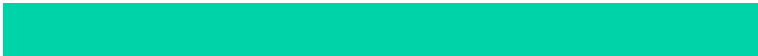
4294932060

Rectangle

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



4285908520



4278244263



4291335935



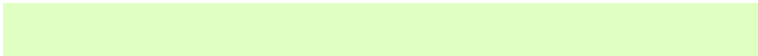
4294927293

Sweetspot

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



4285908520



4292935618



4291196712



4285366363



4278190080



4286611584

Same Dimension

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



4285908520



4286775050



4280862248



4284375898



4283474688



4279313408

Inverse Universe

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



4286130374



4287105791



4291176646



4284439139



4283695267



4279369764

Previews

White Background



This preview shows how the Android color 4285908520 looks on a white background.

Color Contrast Check

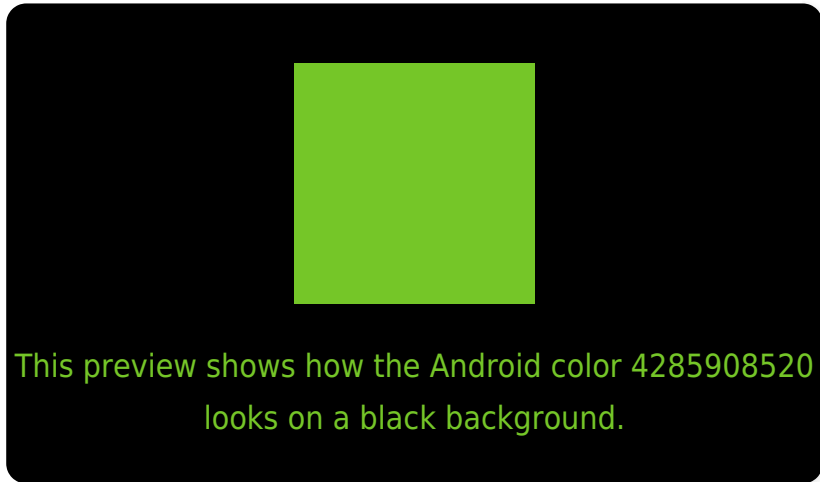
Large Text (above 18pt) WCAG AA × Fail

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 4285908520 Background



This preview shows how black text looks on a background with the Android color 4285908520.



This preview shows how white text looks on a background with the Android color 4285908520.

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
4285908520

Protanopia
4291277091

Deuteranopia
4292716599

Trichromacy



Original Color
4285908520



Protanomaly
4289313061



Deuteranomaly
4290229042



Tritanomaly
4286823821

Monochromacy



Original Color
4285908520



Achromatopsia
4288453788



Achromatomaly
4287540082

CSS Examples

Text

The CSS property to change the color of the text to Android 4285908520 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(117, 198, 40)` looks like.

```
.text, #text, p{  
    color:rgb(117, 198, 40)  
}
```

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(117, 198, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 198, 40) }
```

Border

The CSS property to change the border of an element to Android 4285908520 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(117, 198, 40) }
```

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

```
.border{ border-color:rgb(117, 198, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 198, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 198, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 198, 40);  
box-shadow:4px 4px 4px 4px rgb(117, 198,  
40) }
```

Background

The CSS property to change the background color of an element to Android 4285908520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 198, 40) }
```

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

```
.background{ background-color: rgb(117,  
198, 40) }
```

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