

Converting Colors

Android(4280395041)

Have a look what the booklet for
Android(4280395041) contains.

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Color

Android(4280395041)

Conversions

Conversions Part 1

Format	Color
Hex	21A521
RGB	33, 165, 33
RGB Percent	13%, 65%, 13%
CMY	0.8706, 0.3529, 0.8706
CMYK	0.80, 0.00, 0.80, 0.35
HSL	120°, 67%, 39%
HSV	120°, 80%, 65%
XYZ	14.3568, 27.3434, 5.9600
YIQ	110.4840, -36.3000, -69.0360

Conversions

Conversions Part 2

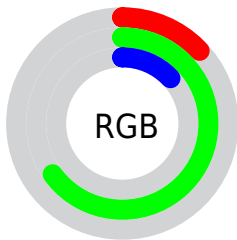
Format	Color
R_{YB}	33, 165, 165
Decimal	2204961
CIE _{Lab}	59.29, -58.25, 53.87
CIE _{LCh}	59, 79.341, 137.233
Y _{xy}	27.3434, 0.3012, 0.5737
Android (android.graphics.Color)	4280395041 (0xFF21A521)
YUV	110.4840, -38.1996, -67.9535
Hunter-Lab	52.2909, -42.5007, 29.8459

Details

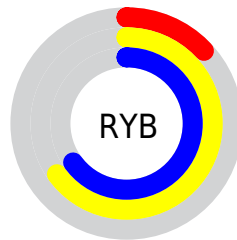
The Android color `4280395041` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289012133`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284996953`, and `4278218752` is the 20% darker color. If you saturate the color by 10%, you get `4279280912`, and if you desaturate by 10%, it is `4281509170`.

Distribution



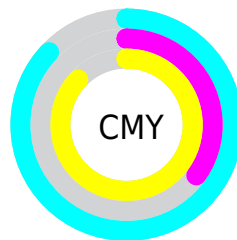
- Red (13%)
- Green (65%)
- Blue (13%)



- Red (13%)
- Yellow (65%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280395041 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 4280395041 by changing the saturation by 10% instead.



4280395041



4280395041

4294967295



4278225408



4284996953



4278218752



4286970483



4278212096



4288937871



4278205696



4290838442



4278199808



4292804551



4278190080



4294836195



4280395041



4280395041



4279280912



4281509170

 4278232320

 4282557762

 4283606354

 4284720483

 4285769075

 4286883204

 4287931796

 4289045925

 4290160054

Harmonies

Analogous

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



4287076352



4280395041



4278233965

Triad

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



4280395041



4278231295



4294917482

Complementary

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



4280395041



4289012133

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.



4294656432



4280395041



4281305599

Square

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



4280395041



4278233845



4290930671



4294074407

Rectangle

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



4280395041



4278234526



4290930671



4294916225

Sweetspot

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



4280395041



4288927395



4289045793



4283198284



4293651435



4285229931

Same Dimension

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



4280395041



4278834697



4280395107



4282995273



4278227200



4278194688

Inverse Universe

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



4289012133



4292217302



4289012067



4283582802



4287692945



4279369746

Previews

White Background



This preview shows how the Android color 4280395041 looks on a white background.

Color Contrast Check

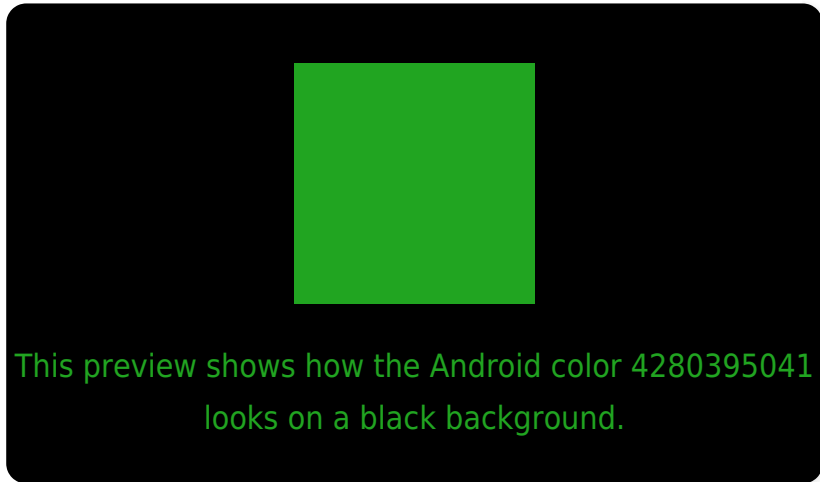
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280395041 Background



This preview shows how black text looks on a background with the Android color 4280395041.



This preview shows how white text looks on a background with the Android color 4280395041.

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
4280395041

Protanopia
4288646683

Deuteranopia
4289824559

Trichromacy



Original Color

4280395041



Protanomaly

4285634077



Deuteranomaly

4286419498



Tritanomaly

4282097270

Monochromacy



Original Color

4280395041



Achromatopsia

4285427310



Achromatomaly

4283597394

CSS Examples

Text

The CSS property to change the color of the text to Android 4280395041 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(33, 165, 33)` looks like.

```
.text, #text, p{  
    color:rgb(33, 165, 33)  
}
```

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(33, 165, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 165, 33) }
```

Border

The CSS property to change the border of an element to Android 4280395041 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(33, 165, 33) }
```

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

```
.border{ border-color:rgb(33, 165, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 165, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 165, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 165, 33);  
box-shadow:4px 4px 4px 4px rgb(33, 165,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4280395041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 165, 33) }
```

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

```
.background{ background-color: rgb(33, 165,  
33) }
```

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](#).

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