

Converting Colors

Android(4281190704)

Have a look what the booklet for
Android(4281190704) contains.

Android(4281190704)	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(4281190704)

Conversions

Conversions Part 1

Format	Color
Hex	2DC930
RGB	45, 201, 48
RGB Percent	18%, 79%, 19%
CMY	0.8235, 0.2118, 0.8118
CMYK	0.78, 0.00, 0.76, 0.21
HSL	121°, 63%, 48%
HSV	121°, 78%, 79%
XYZ	22.5023, 42.5446, 9.8222
YIQ	136.9140, -43.8630, -80.6550

Conversions

Conversions Part 2

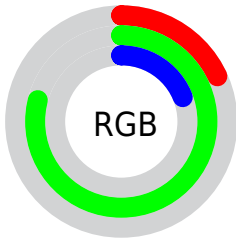
Format	Color
RYB	45, 198, 201
Decimal	3000624
CIELab	71.24, -66.74, 60.72
CIELCh	71, 90.232, 137.702
Yxy	42.5446, 0.3006, 0.5683
Android (android.graphics.Color)	4281190704 (0xFF2DC930)
YUV	136.9140, -43.8346, -80.6086
Hunter-Lab	65.2262, -52.5653, 36.7300

Details

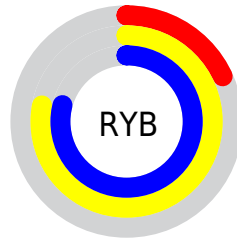
The Android color `4281190704` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4291374534`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285988713`, and `4278227200` is the 20% darker color. If you saturate the color by 10%, you get `4279879964`, and if you desaturate by 10%, it is `4282501444`.

Distribution



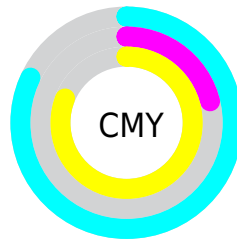
- Red (18%)
- Green (79%)
- Blue (19%)



- Red (18%)
- Yellow (78%)
- Blue (79%)



- Cyan (78%)
- Magenta (0%)
- Yellow (76%)
- Black (21%)



- Cyan (82%)
- Magenta (21%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281190704 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 4281190704 by changing the saturation by 10% instead.



4281190704



4281190704

4294967295



4278234376



4285988713



4278227200



4288020356



4278220288



4290052000



4278213632



4292018109



4278207232



4294049753



4278201088



4294967287



4278192384



4278190080



4281190704



4281190704

 4279879964

 4282501444

 4278569225

 4283812183

 4278241540


 4285122923

 4286433663

 4287809939

 4289120678

 4290431418

 4291742158

 4293052897

Harmonies

Analogous

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



4288985344



4281190704



4278243721

Triad

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



4281190704



4278239999



4294922626

Complementary

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



4281190704



4291374534

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.



4294923476



4281190704



4283082751

Square

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



4281190704



4278243327



4293754879



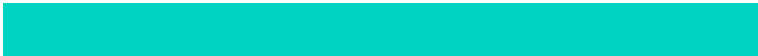
4294932531

Rectangle

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



4281190704



4278244290



4293754879



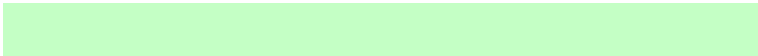
4294921117

Sweetspot

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



4281190704



4291100613



4291217709



4284252252



4278190080



4286611584

Same Dimension

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



4281190704



4279435030



4281190782



4284113754



4278231811



4278199297

Inverse Universe

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



4291374534



4294906618



4291374456



4284701283



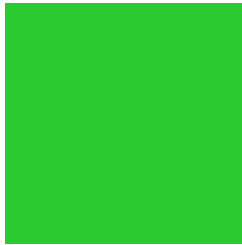
4288872608



4280549411

Previews

White Background



This preview shows how the Android color 4281190704 looks on a white background.

Color Contrast Check

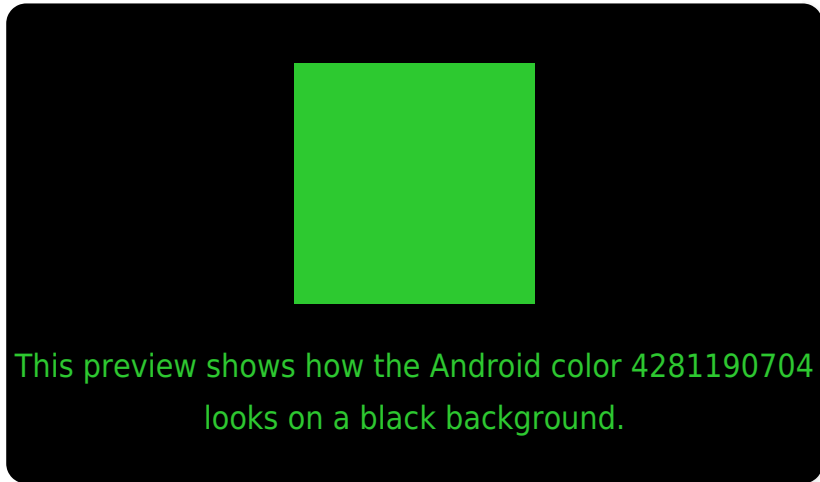
Large Text (above 18pt) WCAG AA × Fail

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 4281190704 Background



This preview shows how black text looks on a background with the Android color 4281190704.



This preview shows how white text looks on a background with the Android color 4281190704.

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
4281190704

Protanopia
4290948393

Deuteranopia
4292387903

Trichromacy



Original Color

4281190704



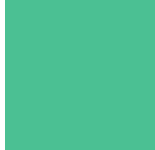
Protanomaly

4287412012



Deuteranomaly

4288327994



Tritanomaly

4283154579

Monochromacy



Original Color

4281190704



Achromatopsia

4287203721



Achromatomaly

4285046889

CSS Examples

Text

The CSS property to change the color of the text to Android 4281190704 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(45, 201, 48)` looks like.

```
.text, #text, p{  
    color:rgb(45, 201, 48)  
}
```

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(45, 201, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 201, 48) }
```

Border

The CSS property to change the border of an element to Android 4281190704 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(45, 201, 48) }
```

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

```
.border{ border-color:rgb(45, 201, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 201, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 201, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 201, 48);  
box-shadow:4px 4px 4px 4px rgb(45, 201,  
48) }
```

Background

The CSS property to change the background color of an element to Android 4281190704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 201, 48) }
```

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

```
.background{ background-color: rgb(45, 201,  
48) }
```

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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