

Converting Colors

Android(4281457710)

Have a look what the booklet for
Android(4281457710) contains.

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Color

Android(4281457710)

Conversions

Conversions Part 1

Format	Color
Hex	31DC2E
RGB	49, 220, 46
RGB Percent	19%, 86%, 18%
CMY	0.8078, 0.1373, 0.8196
CMYK	0.78, 0.00, 0.79, 0.14
HSL	119°, 71%, 52%
HSV	119°, 79%, 86%
XYZ	27.3530, 52.0366, 11.1872
YIQ	149.0350, -46.0620, -90.3660

Conversions

Conversions Part 2

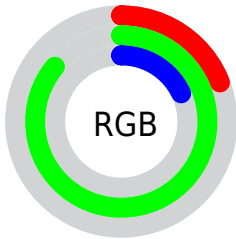
Format	Color
RYB	46, 220, 217
Decimal	3267630
CIELab	77.30, -72.06, 67.19
CIELCh	77, 98.525, 137.000
Yxy	52.0366, 0.3020, 0.5745
Android (android.graphics.Color)	4281457710 (0xFF31DC2E)
YUV	149.0350, -50.7963, -87.7307
Hunter-Lab	72.1364, -58.5544, 41.3006

Details

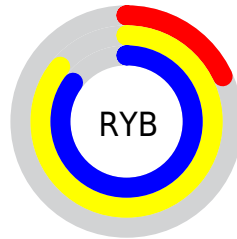
The Android color `4281457710` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4292423388`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4286381930`, and `4278231808` is the 20% darker color. If you saturate the color by 10%, you get `4280015896`, and if you desaturate by 10%, it is `4282899524`.

Distribution



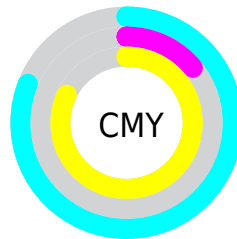
- Red (19%)
- Green (86%)
- Blue (18%)



- Red (18%)
- Yellow (86%)
- Blue (85%)



- Cyan (78%)
- Magenta (0%)
- Yellow (79%)
- Black (14%)




- Cyan (81%)
- Magenta (14%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281457710 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 4281457710 by changing the saturation by 10% instead.

 4281457710

 4281457710

4294967295

 4278238976

 4286381930

 4278231808

 4288479110

 4278224896

 4290576290

 4278217984

 4292607935

 4278211328

 4294639580

 4278205184

 4294967290

 4278198528

 4278190080

 4281457710

 4281457710

 4280015896

 4282899524

 4278639618

 4284275802


 4278508544

 4285717616

 4287093894

 4288535708

 4289977522

 4291353800

 4292795614

 4294237428

Harmonies

Analogous

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



4290104064



4281457710



4278248851

Triad

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



4281457710



4278244863



4294923408

Complementary

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



4281457710



4292423388

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.



4294924779



4281457710



4282235135

Square

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



4281457710



4278248447



4294937599



4294934839

Rectangle

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



4281457710



4278249427



4294937599



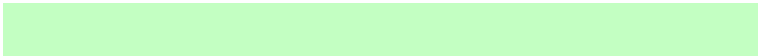
4294921646

Sweetspot

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



4281457710



4291035074



4292662830



4284186715



4278190080



4286611584

Same Dimension

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



4281457710



4279369485



4281261183



4284706403



4278430976



4278267392

Inverse Universe

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



4292423388



4294643199



4292619915



4285358958



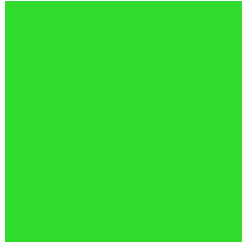
4289331373



4281139246

Previews

White Background



This preview shows how the Android color 4281457710 looks on a white background.

Color Contrast Check

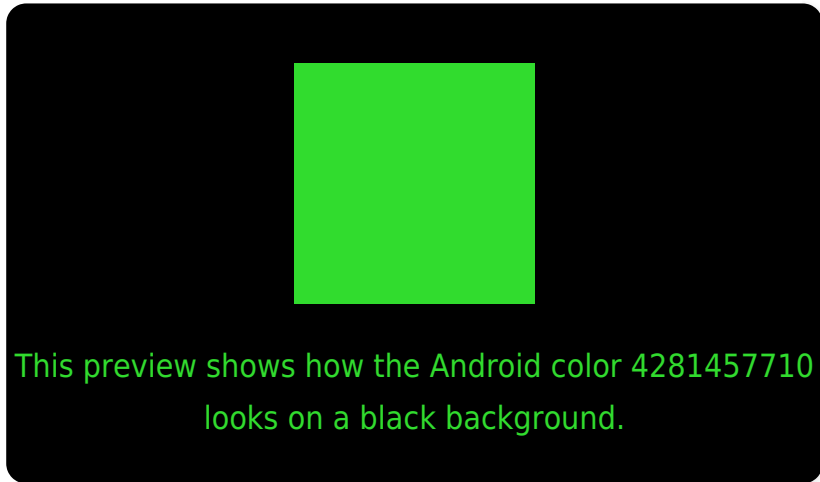
Large Text (above 18pt) WCAG AA × Fail

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 4281457710 Background



This preview shows how black text looks on a background with the Android color 4281457710.



This preview shows how white text looks on a background with the Android color 4281457710.

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
4281457710

Protanopia
4292197926

Deuteranopia
4293702721

Trichromacy



Original Color

4281457710



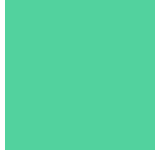
Protanomaly

4288268585



Deuteranomaly

4289250106



Tritanomaly

4283617950

Monochromacy



Original Color

4281457710



Achromatopsia

4287993237



Achromatomaly

4285640560

CSS Examples

Text

The CSS property to change the color of the text to Android 4281457710 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(49, 220, 46)` looks like.

```
.text, #text, p{  
    color:rgb(49, 220, 46)  
}
```

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(49, 220, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 220, 46) }
```

Border

The CSS property to change the border of an element to Android 4281457710 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(49, 220, 46) }
```

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

```
.border{ border-color:rgb(49, 220, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 220, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 220, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 220, 46);  
box-shadow:4px 4px 4px 4px rgb(49, 220,  
46) }
```

Background

The CSS property to change the background color of an element to Android 4281457710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 220, 46) }
```

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

```
.background{ background-color: rgb(49, 220,  
46) }
```

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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