

Converting Colors

Android(4280413507)

Have a look what the booklet for
Android(4280413507) contains.

Android(4280413507)	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(4280413507)

Conversions

Conversions Part 1

Format	Color
Hex	21ED43
RGB	33, 237, 67
RGB Percent	13%, 93%, 26%
CMY	0.8706, 0.0706, 0.7373
CMYK	0.86, 0.00, 0.72, 0.07
HSL	130°, 85%, 53%
HSV	130°, 86%, 93%
XYZ	31.9245, 61.2970, 15.4591
YIQ	156.6240, -67.0140, -96.1180

Conversions

Conversions Part 2

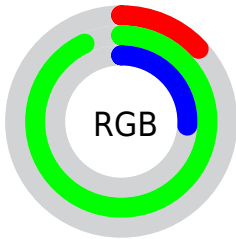
Format	Color
RYB	33, 208, 237
Decimal	2223427
CIELab	82.54, -77.17, 65.56
CIElCh	83, 101.258, 139.652
Yxy	61.2970, 0.2937, 0.5640
Android (android.graphics.Color)	4280413507 (0xFF21ED43)
YUV	156.6240, -44.1846, -108.4182
Hunter-Lab	78.2924, -64.2265, 43.0976

Details

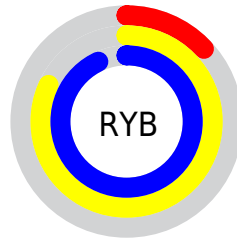
The Android color `4280413507` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed green. A complement of this color would be `4293730763`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4286119804`, and `4278235904` is the 20% darker color. If you saturate the color by 10%, you get `4278840623`, and if you desaturate by 10%, it is `4281986391`.

Distribution



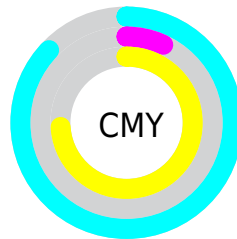
- Red (13%)
- Green (93%)
- Blue (26%)



- Red (13%)
- Yellow (82%)
- Blue (93%)



- Cyan (86%)
- Magenta (0%)
- Yellow (72%)
- Black (7%)



- Cyan (87%)
- Magenta (7%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280413507 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 4280413507 by changing the saturation by 10% instead.

 4280413507

 4280413507

4294967295

 4278243362

 4286119804

 4278235904

 4288348056

 4278228736

 4290445237

 4278221824

 4292542418

 4278214912

 4294639599

 4278208512

 4278202112

 4278194176

 4278190080

 4280413507

 4280413507

 4278840623

 4281986391

 4278250791

 4283493738

 4285066622

 4286639506

 4288146854

 4289719737

 4291292621

 4292865505

 4294372853

Harmonies

Analogous

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



4290501632



4280413507



4278252968

Triad

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



4280413507



4278248447



4294927508

Complementary

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



4280413507



4293730763

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.



4294927347



4280413507



4285776895

Square

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



4280413507



4278252543



4294939647



4294939192

Rectangle

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



4280413507



4278253547



4294939647



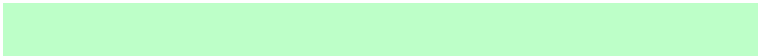
4294925491

Sweetspot

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



4280413507



4290641864



4291554593



4283990111



4278190080



4286611584

Same Dimension

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



4280413507



4278255402



4280413609



4285166956



4278236446



4278203913

Inverse Universe

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



4293730763



4294901972



4293730661



4285885043



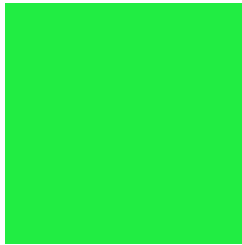
4290052247



4281729069

Previews

White Background



This preview shows how the Android color 4280413507 looks on a white background.

Color Contrast Check

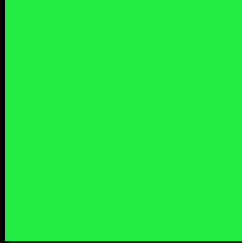
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4280413507 looks on a 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 4280413507 Background



This preview shows how black text looks on a background with the Android color 4280413507.

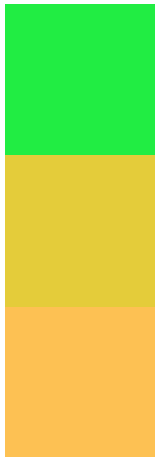


This preview shows how white text looks on a background with the Android color 4280413507.

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
4280413507

Protanopia
4293184570

Deuteranopia
4294820179

Trichromacy



Original Color

4280413507



Protanomaly

4288534589



Deuteranomaly

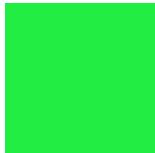
4289581389



Tritanomaly

4283229104

Monochromacy



Original Color

4280413507



Achromatopsia

4288519581



Achromatomaly

4285577852

CSS Examples

Text

The CSS property to change the color of the text to Android 4280413507 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, 237, 67)` looks like.

```
.text, #text, p{  
    color:rgb(33, 237, 67)  
}
```

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, 237, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 237, 67) }
```

Border

The CSS property to change the border of an element to Android 4280413507 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, 237, 67) }
```

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

```
.border{ border-color:rgb(33, 237, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 237, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 237, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 237, 67);  
box-shadow:4px 4px 4px 4px rgb(33, 237,  
67) }
```

Background

The CSS property to change the background color of an element to Android 4280413507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 237, 67) }
```

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

```
.background{ background-color: rgb(33, 237,  
67) }
```

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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