

Converting Colors

Android(4282836878)

Have a look what the booklet for
Android(4282836878) contains.

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Color

Android(4282836878)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 46E78E |
| RGB | 70, 231, 142 |
| RGB Percent | 27%, 91%, 56% |
| CMY | 0.7255, 0.0941, 0.4431 |
| CMYK | 0.70, 0.00, 0.39, 0.09 |
| HSL | 147°, 77%, 59% |
| HSV | 147°, 70%, 91% |
| XYZ | 35.9842, 60.4069, 35.3543 |
| YIQ | 172.7150, -67.3870, -61.8110 |

Conversions

Conversions Part 2

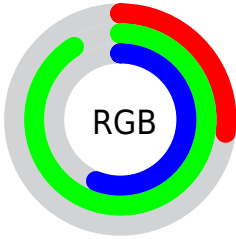
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 70, 181, 231 |
| Decimal | 4646798 |
| CIELab | 82.06, -60.96, 31.60 |
| CIElCh | 82, 68.662, 152.596 |
| Yxy | 60.4069, 0.2731, 0.4585 |
| Android (android.graphics.Color) | 4282836878 (0xFF46E78E) |
| YUV | 172.7150, -15.1425, -90.0811 |
| Hunter-Lab | 77.7219, -53.3702, 27.4353 |

Details

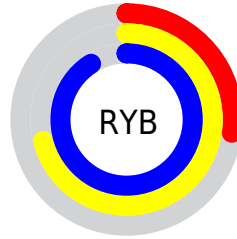
The Android color **4282836878** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **4293346975**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4287233988**, and **4278234715** is the 20% darker color. If you saturate the color by 10%, you get **4281329537**, and if you desaturate by 10%, it is **4284344219**.

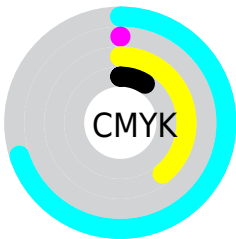
Distribution



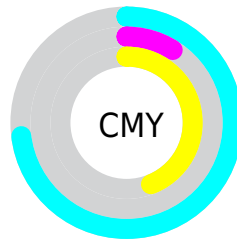
- Red (27%)
- Green (91%)
- Blue (56%)



- Red (27%)
- Yellow (71%)
- Blue (91%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (73%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282836878 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 4282836878 by changing the saturation by 10% instead.

 4282836878

 4282836878

4294967295

 4279487092

 4287233988

 4278234715

 4289265633

 4278227778

 4291231741

 4278220842

 4293263359

 4278214162

 4278207488


 4278201600

 4278193664

 4278190080

 4282836878

 4282836878

 4281329537

 4284344219

 4279822196

 4285851560


 4278314856

 4287358900

 4278249319

 4288866241

 4290439118

 4291946459

 4293453799

 4294961140

 4294961151

Harmonies

Analogous

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



4289256537



4282836878



4278250704

Triad

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



4282836878



4282896895



4294941578

Complementary

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



4282836878



4293346975

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.



4294939337



4282836878



4292262399

Square

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



4282836878



4278248191



4294942719



4294947672

Rectangle

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



4282836878



4278250492



4294942719



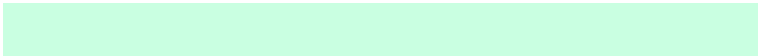
4294940318

Sweetspot

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



4282836878



4291428321



4288800582



4284514414



4278190080



4286611584

Same Dimension

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



4282836878



4280942473



4282836956



4284969836



4278235984



4278203159

Inverse Universe

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



4293346975



4294912415



4293346897



4285753198



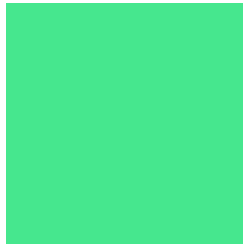
4289921123



4281532444

Previews

White Background



This preview shows how the Android color 4282836878 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 4282836878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

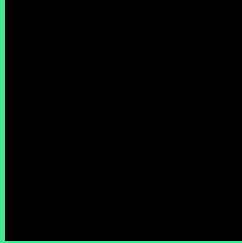
Any Text WCAG AA ✓ Pass

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 4282836878 Background



This preview shows how black text looks on a background with the Android color 4282836878.




This preview shows how white text looks on a background with the Android color 4282836878.

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





Tritanopia
4285127917

Trichromacy



Original Color

4282836878



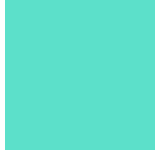
Protanomaly

4289058182



Deuteranomaly

4289908628



Tritanomaly

4284276938

Monochromacy



Original Color

4282836878



Achromatopsia

4289572269



Achromatomaly

4287152802

CSS Examples

Text

The CSS property to change the color of the text to Android 4282836878 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(70, 231, 142)` looks like.

```
.text, #text, p{  
    color:rgb(70, 231, 142)  
}
```

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(70, 231, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 231, 142) }
```

Border

The CSS property to change the border of an element to Android 4282836878 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(70, 231, 142) }
```

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

```
.border{ border-color:rgb(70, 231, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 231, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 231, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 231, 142);  
box-shadow:4px 4px 4px 4px rgb(70, 231,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4282836878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 231, 142) }
```

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

```
.background{ background-color: rgb(70, 231,  
142) }
```

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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