

# Converting Colors

Android(4282771115)

Have a look what the booklet for  
Android(4282771115) contains.

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**Color**

**Android(4282771115)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 45E6AB                       |
| RGB         | 69, 230, 171                 |
| RGB Percent | 27%, 90%, 67%                |
| CMY         | 0.7294, 0.0980, 0.3294       |
| CMYK        | 0.70, 0.00, 0.26, 0.10       |
| HSL         | 158°, 76%, 59%               |
| HSV         | 158°, 70%, 90%               |
| XYZ         | 38.1017, 60.7991, 48.2553    |
| YIQ         | 175.1350, -77.0170, -52.4810 |

# Conversions

## Conversions Part 2

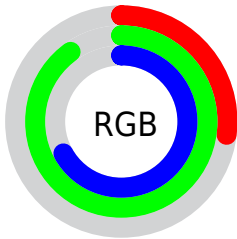
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">69, 168, 230</a>                    |
| Decimal                             | <a href="#">4581035</a>                         |
| CIELab                              | <a href="#">82.27, -54.91, 16.95</a>            |
| CIELCh                              | <a href="#">82, 57.465, 162.847</a>             |
| Yxy                                 | <a href="#">60.7991, 0.2589,<br/>0.4132</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4282771115<br/>(0xFF45E6AB)</a>     |
| YUV                                 | <a href="#">175.1350, -2.0386,<br/>-93.0804</a> |
| Hunter-Lab                          | <a href="#">77.9738, -49.2304,<br/>17.8891</a>  |

# Details

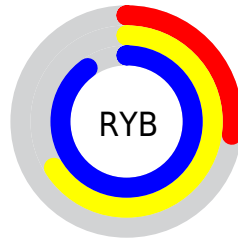
The Android color `4282771115` is a light color, and the websafe version is hex `00CC99`. The color can be described as light muted spring green. A complement of this color would be `4293281152`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4287168482`, and `4278234487` is the 20% darker color. If you saturate the color by 10%, you get `4281263779`, and if you desaturate by 10%, it is `4284278451`.

# Distribution



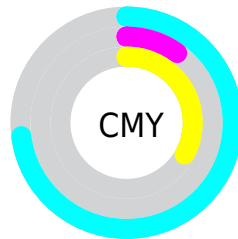
- Red (27%)
- Green (90%)
- Blue (67%)



- Red (27%)
- Yellow (66%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (10%)



- Cyan (73%)
- Magenta (10%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282771115 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 4282771115 by changing the saturation by 10% instead.





4282771115



4282771115

4294967295



4279290256



4287168482



4278234487



4289200127



4278227550



4291231743



4278220614



4293197823



4278213935



4278207514



4278201857



4278193920



4278190080

 4282771115

 4282771115

 4281263779

 4284278451

 4279756442

 4285785788

 4278249106

 4287293124

 4288800461

 4290307797

 4291815134

 4293322470

 4294829806

 4294960887

# Harmonies

## Analogous

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



4288405115



4282771115



4278249699

# Triad

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



4282771115



4288531199



4294945670

# Complementary

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



4282771115



4293281152

# 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.



4294942903



4282771115



4293899775

# Square

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



4282771115



4278246399



4294943982



4294950756

# Rectangle

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



4282771115



4278249471



4294943982



4294944405

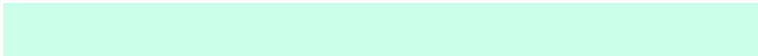


# Sweetspot

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



4282771115



4291428331



4286637637



4284514420



4278190080



4286611584



# Same Dimension

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



4282771115



4280942513



4282765798



4284969839



4278236017



4278203168



# Inverse Universe

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



4293281152



4294912375



4293286469



4285753195



4289921089

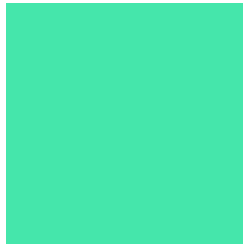


4281532435



# Previews

## White Background



This preview shows how the Android color 4282771115 looks on a white background.

## Color Contrast Check

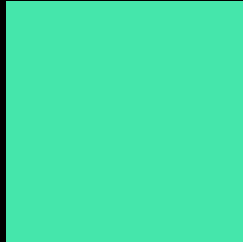
Large Text (above 18pt) WCAG AA × Fail

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 4282771115 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 4282771115 Background



This preview shows how black text looks on a background with the Android color 4282771115.

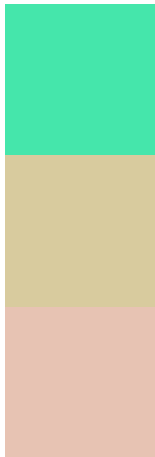


This preview shows how white text looks on a background with the Android color 4282771115.

# 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**  
4282771115

**Protanopia**  
4292397982

**Deuteranopia**  
4293378995



# Trichromacy



**Original Color**

4282771115



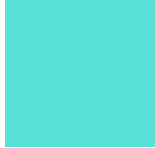
**Protanomaly**

4288927139



**Deuteranomaly**

4289515696



**Tritanomaly**

4283949270

# Monochromacy



**Original Color**

4282771115



**Achromatopsia**

4289703855



**Achromatomaly**

4287153070

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282771115 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(69, 230, 171)` looks like.

```
.text, #text, p{  
    color:rgb(69, 230, 171)  
}
```

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(69, 230, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 230, 171) }
```

## Border

The CSS property to change the border of an element to Android 4282771115 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(69, 230, 171) }
```

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

```
.border{ border-color:rgb(69, 230, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 230, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 230, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 230, 171);  
box-shadow:4px 4px 4px 4px rgb(69, 230,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4282771115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 230, 171) }
```

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

```
.background{ background-color: rgb(69, 230,  
171) }
```

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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