

# Converting Colors

Android(4284146295)

Have a look what the booklet for  
Android(4284146295) contains.

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# **Color**

**Android(4284146295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AE277
RGB	90, 226, 119
RGB Percent	35%, 89%, 47%
CMY	0.6471, 0.1137, 0.5333
CMYK	0.60, 0.00, 0.47, 0.11
HSL	133°, 70%, 62%
HSV	133°, 60%, 89%
XYZ	34.7426, 57.8983, 26.7971
YIQ	173.1380, -46.7090, -62.1090

# Conversions

## Conversions Part 2

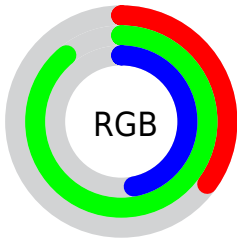
Format	Color
<a href="#">RYB</a>	<a href="#">90, 202, 226</a>
Decimal	<a href="#">5956215</a>
CIELab	<a href="#">80.68, -59.23, 41.36</a>
CIElCh	<a href="#">81, 72.242, 145.076</a>
Yxy	<a href="#">57.8983, 0.2909, 0.4848</a>
Android (android.graphics.Color)	<a href="#">4284146295 (0xFF5AE277)</a>
YUV	<a href="#">173.1380, -26.6900, -72.9120</a>
Hunter-Lab	<a href="#">76.0909, -51.6573, 32.3833</a>

# Details

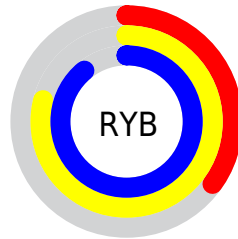
The Android color **4284146295** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **4293024453**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4288151469**, and **4278233412** is the 20% darker color. If you saturate the color by 10%, you get **4282638949**, and if you desaturate by 10%, it is **4285653641**.

# Distribution



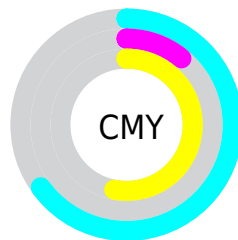
- Red (35%)
- Green (89%)
- Blue (47%)



- Red (35%)
- Yellow (79%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284146295 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 4284146295 by changing the saturation by 10% instead.





4284146295



4284146295

4294967295



4281845085



4288151469



4278233412



4290117577



4278226475



4292083685



4278219791



4294115327



4278213120



4278206720



4278200832



4278191360




4278190080

 4284146295

 4284146295

 4282638949

 4285653641

 4281197139


 4287095451

 4279689794

 4288602796

 4278247984

 4290044606

 4291551952

 4293059298

 4294501107

 4294959871

# Harmonies

## Analogous

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



4290041155



4284146295



4278249658

# Triad

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



4284146295



4278244351



4294938515

# Complementary

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



4284146295



4293024453

# 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.



4294937302



4284146295



4290165759

# Square

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



4284146295



4278248191



4294942463



4294944602

# Rectangle

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



4284146295



4278249961



4294942463



4294937257

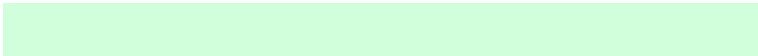


# Sweetspot

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



4284146295



4291952603



4291289690



4284711017



4278190080



4286611584



# Same Dimension

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



4284146295



4282908527



4284146361



4284837991



4278235174



4278202378



# Inverse Universe

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



4293024453



4294920152



4293024387



4285556078



4289724554

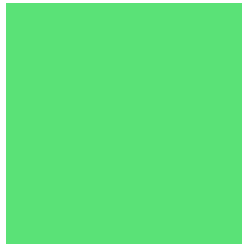


4281335846



# Previews

## White Background



This preview shows how the Android color 4284146295 looks on a white background.

## Color Contrast Check

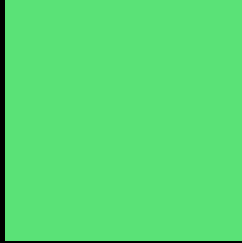
Large Text (above 18pt) WCAG AA × Fail

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 4284146295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

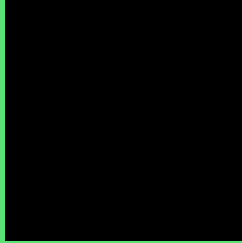
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284146295 Background



This preview shows how black text looks on a background with the Android color 4284146295.

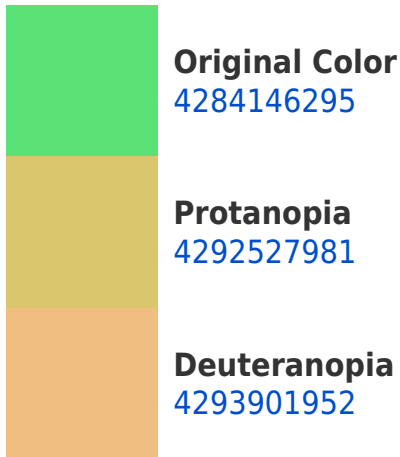


This preview shows how white text looks on a background with the Android color 4284146295.

# 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





# Trichromacy



**Original Color**

4284146295



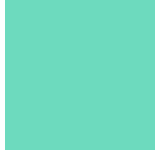
**Protanomaly**

4289450353



**Deuteranomaly**

4290366333



**Tritanomaly**

4285389502

# Monochromacy



**Original Color**

4284146295



**Achromatopsia**

4289572269



**Achromatomaly**

4287611033

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284146295 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(90, 226, 119)` looks like.

```
.text, #text, p{  
    color:rgb(90, 226, 119)  
}
```

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(90, 226, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 226, 119) }
```

## Border

The CSS property to change the border of an element to Android 4284146295 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(90, 226, 119) }
```

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

```
.border{ border-color:rgb(90, 226, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 226, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 226, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 226, 119);  
box-shadow:4px 4px 4px 4px rgb(90, 226,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4284146295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 226, 119) }
```

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

```
.background{ background-color: rgb(90, 226,  
119) }
```

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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