

# Converting Colors

Android(4282512025)

Have a look what the booklet for  
Android(4282512025) contains.

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# **Color**

**Android(4282512025)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41F299
RGB	65, 242, 153
RGB Percent	25%, 95%, 60%
CMY	0.7451, 0.0510, 0.4000
CMYK	0.73, 0.00, 0.37, 0.05
HSL	150°, 87%, 60%
HSV	150°, 73%, 95%
XYZ	39.6819, 66.9280, 40.9639
YIQ	178.9310, -76.9230, -65.2030

# Conversions

## Conversions Part 2

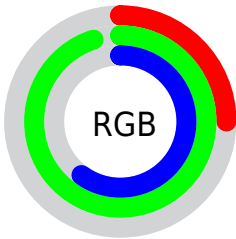
Format	Color
<a href="#">RYB</a>	<a href="#">65, 183, 242</a>
Decimal	<a href="#">4321945</a>
CIELab	<a href="#">85.47, -63.66, 30.56</a>
CIELCh	<a href="#">85, 70.618, 154.355</a>
Yxy	<a href="#">66.9280, 0.2689, 0.4535</a>
Android (android.graphics.Color)	<a href="#">4282512025 (0xFF41F299)</a>
YUV	<a href="#">178.9310, -12.7840, -99.9175</a>
Hunter-Lab	<a href="#">81.8095, -56.5849, 27.5788</a>

# Details

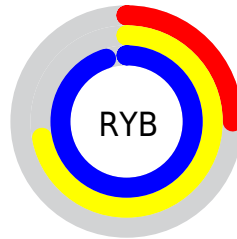
The Android color `4282512025` is a light color, and the websafe version is hex `66FF99`. The color can be described as light washed spring green. A complement of this color would be `4294066586`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4287102928`, and `4278237285` is the 20% darker color. If you saturate the color by 10%, you get `4280939149`, and if you desaturate by 10%, it is `4284084901`.

# Distribution



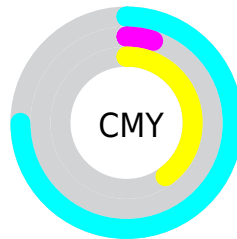
- Red (25%)
- Green (95%)
- Blue (60%)



- Red (25%)
- Yellow (72%)
- Blue (95%)



- Cyan (73%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



- Cyan (75%)
- Magenta (5%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282512025 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 4282512025 by changing the saturation by 10% instead.





4282512025



4282512025

4294967295



4278244735



4287102928



4278237285



4289200108



4278230348



4291231743



4278223412



4293263359



4278216477



4278209796



4278203904



4278197248



4278190080

■ 4282512025

■ 4282512025

■ 4280939149

■ 4284084901

■ 4279366273

■ 4285657777

■ 4278252152

■ 4287296190

■ 4288869066

■ 4290441942

■ 4292014818

■ 4293587694

■ 4294963962

■ 4294963967

# Harmonies

## Analogous

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



4289521505



4282512025



4278253278

# Triad

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



4282512025



4284275455



4294943886

# Complementary

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



4282512025



4294066586

# 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.



4294941134



4282512025



4293312767

# Square

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



4282512025



4278250751



4294944255



4294950235

# Rectangle

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



4282512025



4278253311



4294944255



4294942370

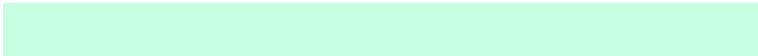


# Sweetspot

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



4282512025



4291297251



4288475713



4284383343



4278190080



4286611584



# Same Dimension

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



4282512025



4280287118



4282512111



4285298802



4278237275



4278204444



# Inverse Universe

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



4294066586



4294909839



4294066500



4286082162



4290248796



4281860124



# Previews

## White Background



This preview shows how the Android color 4282512025 looks on a white background.

## Color Contrast Check

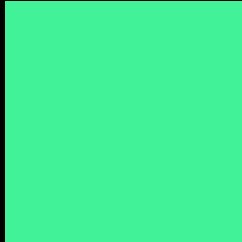
Large Text (above 18pt) WCAG AA × Fail

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 4282512025 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 4282512025 Background



This preview shows how black text looks on a background with the Android color 4282512025.

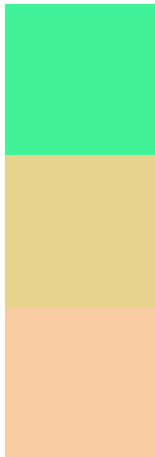


This preview shows how white text looks on a background with the Android color 4282512025.

# 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**  
4282512025

**Protanopia**  
4293317772

**Deuteranopia**  
4294560674



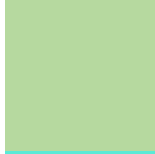
# Trichromacy



**Original Color**  
4282512025



**Protanomaly**  
4289388433



**Deuteranomaly**  
4290173343



**Tritanomaly**  
4284148438

# Monochromacy



**Original Color**  
4282512025



**Achromatopsia**  
4289967027



**Achromatomaly**  
4287285930

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282512025 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(65, 242, 153)` looks like.

```
.text, #text, p{  
    color:rgb(65, 242, 153)  
}
```

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(65, 242, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 242, 153) }
```

## Border

The CSS property to change the border of an element to Android 4282512025 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(65, 242, 153) }
```

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

```
.border{ border-color:rgb(65, 242, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 242, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 242, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 242, 153);  
box-shadow:4px 4px 4px 4px rgb(65, 242,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4282512025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 242, 153) }
```

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

```
.background{ background-color: rgb(65, 242,  
153) }
```

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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