

# Converting Colors

Android(4282372452)

Have a look what the booklet for  
Android(4282372452) contains.

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# **Color**

**Android(4282372452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FD164
RGB	63, 209, 100
RGB Percent	25%, 82%, 39%
CMY	0.7529, 0.1804, 0.6078
CMYK	0.70, 0.00, 0.52, 0.18
HSL	135°, 61%, 53%
HSV	135°, 70%, 82%
XYZ	27.1506, 47.5778, 19.8090
YIQ	152.9200, -52.0270, -64.8510

# Conversions

## Conversions Part 2

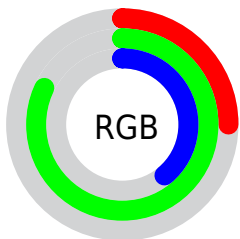
Format	Color
<a href="#">RYB</a>	<a href="#">63, 179, 209</a>
Decimal	<a href="#">4182372</a>
CIELab	<a href="#">74.56, -61.04, 42.81</a>
CIELCh	<a href="#">75, 74.556, 144.958</a>
Yxy	<a href="#">47.5778, 0.2872, 0.5033</a>
Android (android.graphics.Color)	<a href="#">4282372452</a> ( <a href="#">0xFF3FD164</a> )
YUV	<a href="#">152.9200, -26.0896, -78.8598</a>
Hunter-Lab	<a href="#">68.9767, -50.4479, 31.2565</a>

# Details

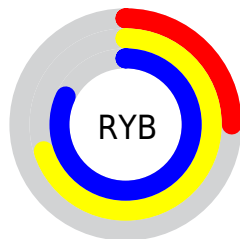
The Android color `4282372452` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291903404`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4286644121`, and `4278229297` is the 20% darker color. If you saturate the color by 10%, you get `4280996180`, and if you desaturate by 10%, it is `4283748724`.

# Distribution



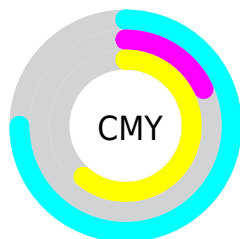
- Red (25%)
- Green (82%)
- Blue (39%)



- Red (25%)
- Yellow (70%)
- Blue (82%)



- Cyan (70%)
- Magenta (0%)
- Yellow (52%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282372452 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 4282372452 by changing the saturation by 10% instead.



 4282372452

 4282372452

4294967295

 4278760778

 4286644121

 4278229297

 4288675764

 4278222358

 4290641872

 4278215680

 4292607981

 4278209024

 4294639615

 4278203392

 4278196480

 4278190080

 4282372452

 4282372452

 4280996180

 4283748724

 4279619909

 4285124995


 4278243637

 4286501267

 4287877538

 4289253810

 4290564546

 4291940817

 4293317089

 4294693360

# Harmonies

## Analogous

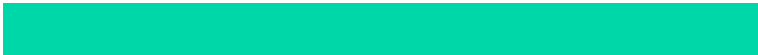
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288857385



4282372452



4278245289

# Triad

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



4282372452



4278240255



4294933122

# Complementary

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



4282372452



4291903404

# 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.



4294931910



4282372452



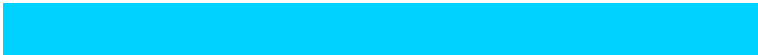
4288785151

# Square

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



4282372452



4278244095



4294937599



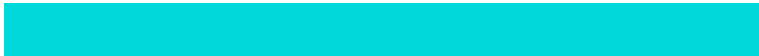
4294939974

# Rectangle

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



4282372452



4278245593



4294937599



4294931864

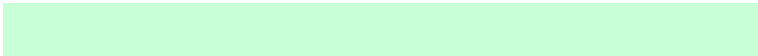


# Sweetspot

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



4282372452



4291428311



4289581375



4284514408



4278190080



4286611584



# Same Dimension

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



4282372452



4280942431



4282372525



4284377441



4278233131



4278200586



# Inverse Universe

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



4291903404



4294912457



4291903332



4285095526



4289200254

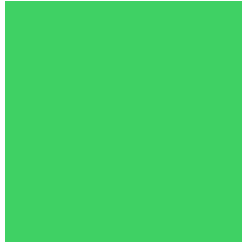


4280877086



# Previews

## White Background



This preview shows how the Android color 4282372452 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 4282372452 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 4282372452 Background



This preview shows how black text looks on a background with the Android color 4282372452.



This preview shows how white text looks on a background with the Android color 4282372452.

# 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**

4282372452



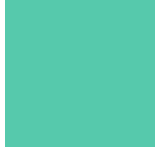
**Protanomaly**

4288135262



**Deuteranomaly**

4288985962



**Tritanomaly**

4283877804

# Monochromacy



**Original Color**

4282372452



**Achromatopsia**

4288256409



**Achromatomaly**

4286098822

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282372452 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(63, 209, 100)` looks like.

```
.text, #text, p{  
    color:rgb(63, 209, 100)  
}
```

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(63, 209, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 209, 100) }
```

## Border

The CSS property to change the border of an element to Android 4282372452 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(63, 209, 100) }
```

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

```
.border{ border-color:rgb(63, 209, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 209, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 209, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 209, 100);  
box-shadow:4px 4px 4px 4px rgb(63, 209,  
100) }
```

# Background

The CSS property to change the background color of an element to Android 4282372452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 209, 100) }
```

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

```
.background{ background-color: rgb(63, 209,  
100) }
```

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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