

# Converting Colors

Android(4283032641)

Have a look what the booklet for  
Android(4283032641) contains.

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# **Color**

**Android(4283032641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49E441
RGB	73, 228, 65
RGB Percent	29%, 89%, 25%
CMY	0.7137, 0.1059, 0.7451
CMYK	0.68, 0.00, 0.71, 0.11
HSL	117°, 75%, 57%
HSV	117°, 71%, 89%
XYZ	31.4452, 57.2849, 14.4008
YIQ	163.0730, -40.0570, -83.5530

# Conversions

## Conversions Part 2

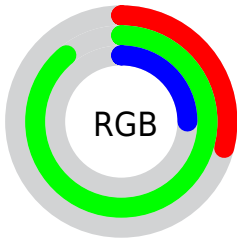
Format	Color
<a href="#">RYB</a>	<a href="#">65, 228, 220</a>
Decimal	<a href="#">4842561</a>
CIELab	<a href="#">80.34, -69.44, 64.20</a>
CIELCh	<a href="#">80, 94.575, 137.245</a>
Yxy	<a href="#">57.2849, 0.3049, 0.5555</a>
Android (android.graphics.Color)	<a href="#">4283032641 (0xFF49E441)</a>
YUV	<a href="#">163.0730, -48.3500, -78.9940</a>
Hunter-Lab	<a href="#">75.6868, -58.2915, 41.6998</a>

# Details

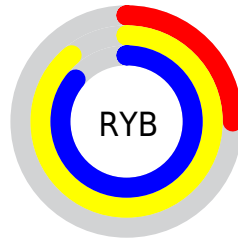
The Android color `4283032641` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4292624868`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4287430522`, and `4278233856` is the 20% darker color. If you saturate the color by 10%, you get `4281590826`, and if you desaturate by 10%, it is `4284474456`.

# Distribution



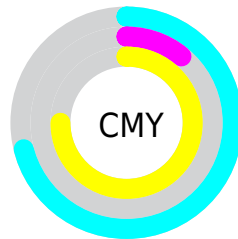
- Red (29%)
- Green (89%)
- Blue (25%)



- Red (25%)
- Yellow (89%)
- Blue (86%)



- Cyan (68%)
- Magenta (0%)
- Yellow (71%)
- Black (11%)



- Cyan (71%)
- Magenta (11%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283032641 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 4283032641 by changing the saturation by 10% instead.





4283032641



4283032641

4294967295



4279748385



4287430522



4278233856



4289527702



4278226944



4291559346



4278220032



4293590991



4278213120



4294967276



4278206720



4278200576




4278190592



4278190080

 4283032641

 4283032641

 4281590826

 4284474456

 4280214547

 4285850735

 4278969344

 4287292549

 4288734364

 4290110643

 4291552458

 4292994273

 4294370551

 4294960383

# Harmonies

## Analogous

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



4290761472



4283032641



4278250909

# Triad

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



4283032641



4278246911



4294928537

# Complementary

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



4283032641



4292624868

# 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.



4294929649



4283032641



4284662015

# Square

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



4283032641



4278250495



4294940415



4294937925

# Rectangle

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



4283032641



4278251483



4294940415



4294927030

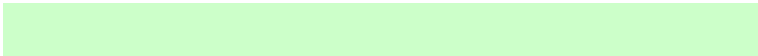


# Sweetspot

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



4283032641



4291624905



4293188673



4284579936



4278190080



4286611584



# Same Dimension

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



4283032641



4281270052



4282508426



4285035367



4278825728



4278399744



# Inverse Universe

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



4292624868



4294190335



4293149083



4285687667



4289331379

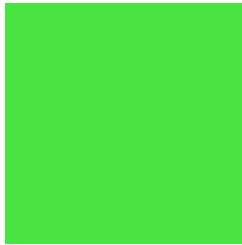


4281335859



# Previews

## White Background



This preview shows how the Android color 4283032641 looks on a white background.

## Color Contrast Check

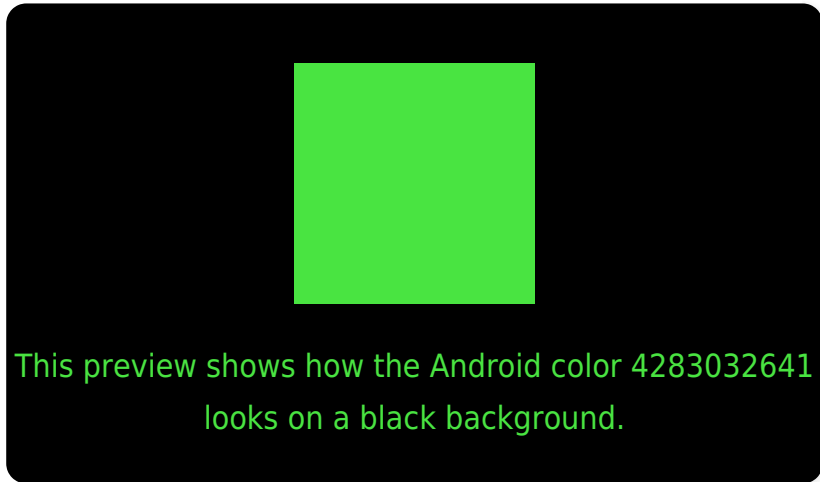
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4283032641 Background



This preview shows how black text looks on a background with the Android color 4283032641.

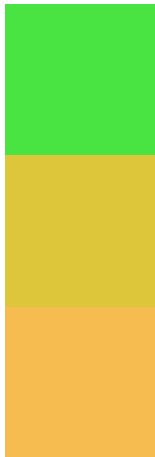


This preview shows how white text looks on a background with the Android color 4283032641.

# 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**  
4283032641

**Protanopia**  
4292724281

**Deuteranopia**  
4294360144



# Trichromacy



**Original Color**  
4283032641



**Protanomaly**  
4289188156



**Deuteranomaly**  
4290235211



**Tritanomaly**  
4284799658

# Monochromacy



**Original Color**  
4283032641



**Achromatopsia**  
4288914339



**Achromatomaly**  
4286757759

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283032641 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(73, 228, 65)` looks like.

```
.text, #text, p{  
    color:rgb(73, 228, 65)  
}
```

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(73, 228, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 228, 65) }
```

## Border

The CSS property to change the border of an element to Android 4283032641 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(73, 228, 65) }
```

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

```
.border{ border-color:rgb(73, 228, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 228, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 228, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 228, 65);  
box-shadow:4px 4px 4px 4px rgb(73, 228,  
65) }
```

# Background

The CSS property to change the background color of an element to Android 4283032641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 228, 65) }
```

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

```
.background{ background-color: rgb(73, 228,  
65) }
```

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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