

# Converting Colors

Android(4287736391)

Have a look what the booklet for  
Android(4287736391) contains.

<b>Android(4287736391)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4287736391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91AA47
RGB	145, 170, 71
RGB Percent	57%, 67%, 28%
CMY	0.4314, 0.3333, 0.7216
CMYK	0.15, 0.00, 0.58, 0.33
HSL	75°, 41%, 47%
HSV	75°, 58%, 67%
XYZ	27.1891, 35.2241, 11.3272
YIQ	151.2390, 16.8790, -36.0890

# Conversions

## Conversions Part 2

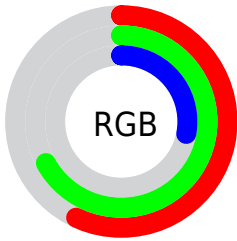
Format	Color
<a href="#">RYB</a>	<a href="#">71, 170, 96</a>
Decimal	<a href="#">9546311</a>
CIELab	<a href="#">65.92, -23.67, 47.18</a>
CIELCh	<a href="#">66, 52.786, 116.637</a>
Yxy	<a href="#">35.2241, 0.3687, 0.4777</a>
Android (android.graphics.Color)	<a href="#">4287736391 (0xFF91AA47)</a>
YUV	<a href="#">151.2390, -39.5578, -5.4716</a>
Hunter-Lab	<a href="#">59.3499, -22.0888, 30.2292</a>

# Details

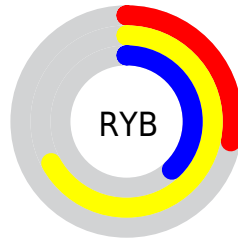
The Android color `4287736391` is a dark color, and the websafe version is hex `999933`. A complement of this color would be `4284499882`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4291420539`, and `4284249617` is the 20% darker color. If you saturate the color by 10%, you get `4287474230`, and if you desaturate by 10%, it is `4287998552`.

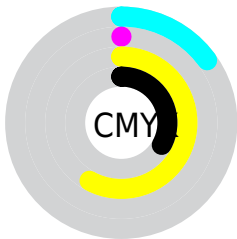
# Distribution



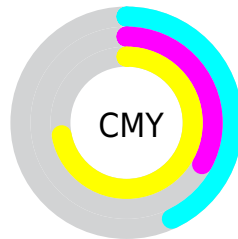
- Red (57%)
- Green (67%)
- Blue (28%)



- Red (28%)
- Yellow (67%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (58%)
- Black (33%)



- Cyan (43%)
- Magenta (33%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287736391 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 4287736391 by changing the saturation by 10% instead.





4287736391



4287736391

4294967295



4285959981



4291420539



4284249617



4293328534



4282539264



4294967217



4280960256



4294967245



4279119616



4294967274



4278197248



4278190080



4287736391



4287736391



4287474230



4287998552

■ 4287146533

■ 4288326249

■ 4286884372

■ 4288588410

■ 4286622211

■ 4288850571

■ 4286556672

■ 4289112732

■ 4289440429

■ 4289702590

■ 4289964751

■ 4290292448

# Harmonies

## Analogous

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



4290812989



4287736391



4283806570

# Triad

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



4287736391



4278235886



4294211496

# Complementary

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



4287736391



4284499882

# 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.



4292182997



4287736391



4280788991

# Square

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



4287736391



4278237129



4288321269



4294409080

# Rectangle

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



4287736391



4278236809



4288321269



4293753527



# Sweetspot

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



4287736391



4292140728



4289355847



4285231194



4293980400



4285558896



# Same Dimension

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



4287736391



4290240067



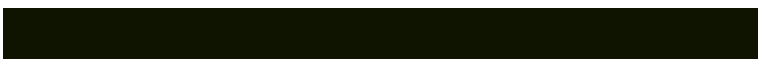
4284525127



4283585612



4285502464



4279178240



# Inverse Universe

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



4284499882



4285154270



4287711146



4283321428



4280615060



4278517780



# Previews

## White Background



This preview shows how the Android color 4287736391 looks on a white background.

## Color Contrast Check

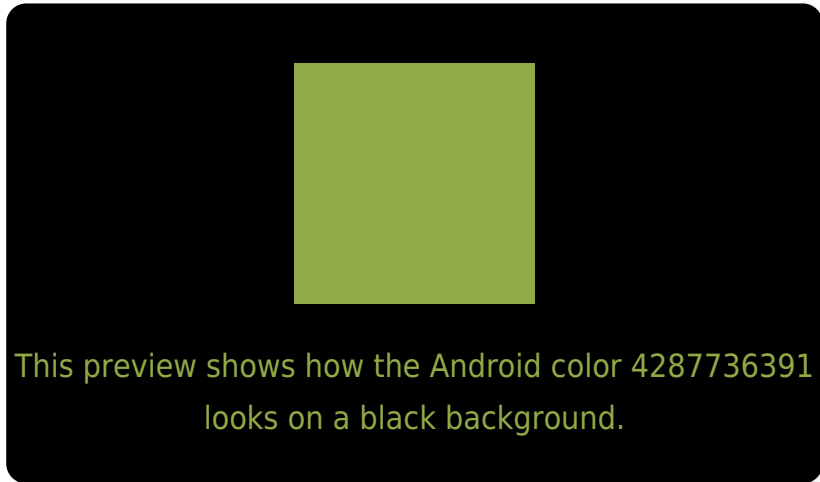
Large Text (above 18pt) WCAG AA × Fail

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 4287736391 Background



This preview shows how black text looks on a background with the Android color 4287736391.



This preview shows how white text looks on a background with the Android color 4287736391.

# 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**  
4287736391

**Protanopia**  
4289896516

**Deuteranopia**  
4291139660



# Trichromacy



**Original Color**  
4287736391

**Protanomaly**  
4289111109

**Deuteranomaly**  
4289896266

**Tritanomaly**  
4288259207

# Monochromacy



**Original Color**  
4287736391

**Achromatopsia**  
4288124823

**Achromatomaly**  
4287995514

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287736391 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(145, 170, 71)` looks like.

```
.text, #text, p{  
    color:rgb(145, 170, 71)  
}
```

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(145, 170, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 170, 71) }
```

## Border

The CSS property to change the border of an element to Android 4287736391 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(145, 170, 71) }
```

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

```
.border{ border-color:rgb(145, 170, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 170, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 170, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 170, 71);  
box-shadow:4px 4px 4px 4px rgb(145, 170,  
71) }
```

# Background

The CSS property to change the background color of an element to Android 4287736391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 170, 71) }
```

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

```
.background{ background-color: rgb(145,  
170, 71) }
```

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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