

# Converting Colors

Android(4279084890)

Have a look what the booklet for  
Android(4279084890) contains.

<b>Android(4279084890)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4279084890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DA75A
RGB	13, 167, 90
RGB Percent	5%, 65%, 35%
CMY	0.9490, 0.3451, 0.6471
CMYK	0.92, 0.00, 0.46, 0.35
HSL	150°, 86%, 35%
HSV	150°, 92%, 65%
XYZ	15.8302, 28.4612, 14.3321
YIQ	112.1760, -67.0670, -56.5950

# Conversions

## Conversions Part 2

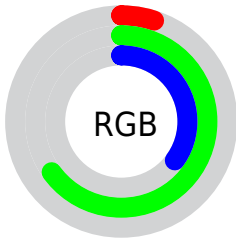
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 116, 167
Decimal	894810
CIELab	60.30, -53.80, 29.82
CIElCh	60, 61.508, 151.000
Yxy	28.4612, 0.2700, 0.4855
Android (android.graphics.Color)	4279084890 (0xFF0DA75A)
YUV	112.1760, -10.9328, -86.9774
Hunter-Lab	53.3490, -40.3948, 21.4162

# Details

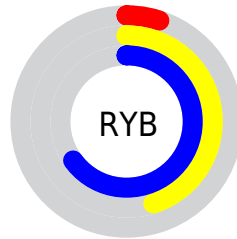
The Android color `4279084890` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289138010`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284407693`, and `4278219050` is the 20% darker color. If you saturate the color by 10%, you get `4278232915`, and if you desaturate by 10%, it is `4280199010`.

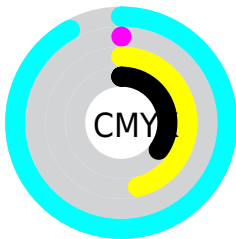
# Distribution



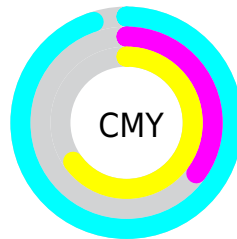
- Red (5%)
- Green (65%)
- Blue (35%)



- Red (5%)
- Yellow (45%)
- Blue (65%)



- Cyan (92%)
- Magenta (0%)
- Yellow (46%)
- Black (35%)



- Cyan (95%)
- Magenta (35%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279084890 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 4279084890 by changing the saturation by 10% instead.



 4279084890

 4279084890

4294967295

 4278225986

 4284407693

 4278219050

 4286381224

 4278212627

 4288348099

 4278206208

 4290248672

 4278200576

 4292214780

 4278190592

 4294180863

 4278190080

 4279084890

 4279084890

 4278232915

 4280199010

 4281247595

 4282361715

 4283475835

 4284589956

 4285638540

 4286752660

 4287866781

 4288915365

# Harmonies

## Analogous

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



4285832746



4279084890



4278234002

# Triad

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



4279084890



4278228990



4293879133

# Complementary

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



4279084890



4289138010

# 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.



4294007954



4279084890



4287857391

# Square

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



4279084890



4278232304



4292111047



4292180784

# Rectangle

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



4279084890



4278234039



4292111047



4294140014



# Sweetspot

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



4279084890



4288469434



4284131085



4282936923



4293783021



4285427310



# Same Dimension

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



4279084890



4278245740



4279084967



4283192400



4278228042



4278195210



# Inverse Universe

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



4289138010



4292411500



4289137933



4283714640



4287889482



4279500810



# Previews

## White Background



This preview shows how the Android color 4279084890 looks on a white background.

## Color Contrast Check

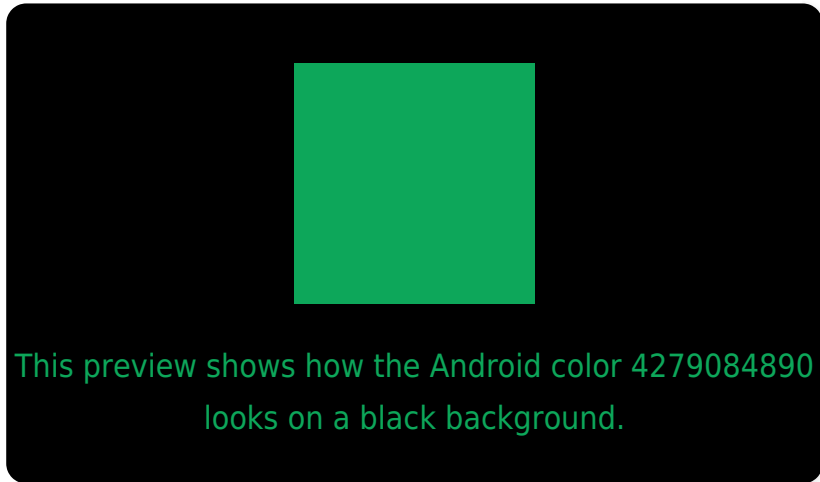
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4279084890 Background



This preview shows how black text looks on a background with the Android color 4279084890.



This preview shows how white text looks on a background with the Android color 4279084890.

# 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**

4279084890



**Protanomaly**

4285110357



**Deuteranomaly**

4285764958



**Tritanomaly**

4281180558

# Monochromacy



**Original Color**

4279084890



**Achromatopsia**

4285558896



**Achromatomaly**

4283204712

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279084890 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(13, 167, 90)` looks like.

```
.text, #text, p{  
    color:rgb(13, 167, 90)  
}
```

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(13, 167, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 167, 90) }
```

## Border

The CSS property to change the border of an element to Android 4279084890 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(13, 167, 90) }
```

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

```
.border{ border-color:rgb(13, 167, 90) }
```

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

Here you see how a box with a 4 pixel rgb(13, 167, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 167, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 167, 90);  
box-shadow:4px 4px 4px 4px rgb(13, 167,  
90) }
```

# Background

The CSS property to change the background color of an element to Android 4279084890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 167, 90) }
```

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

```
.background{ background-color: rgb(13, 167,  
90) }
```

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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