

# Converting Colors

Android(4279612763)

Have a look what the booklet for  
Android(4279612763) contains.

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**Color**

**Android(4279612763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15B55B
RGB	21, 181, 91
RGB Percent	8%, 71%, 36%
CMY	0.9176, 0.2902, 0.6431
CMYK	0.88, 0.00, 0.50, 0.29
HSL	146°, 79%, 40%
HSV	146°, 88%, 71%
XYZ	18.7215, 33.9625, 15.4662
YIQ	122.9000, -66.4700, -61.9100

# Conversions

## Conversions Part 2

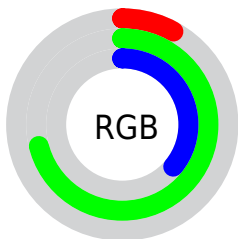
Format	Color
<a href="#">RYB</a>	<a href="#">21, 132, 181</a>
Decimal	<a href="#">1422683</a>
CIELab	<a href="#">64.93, -57.93, 35.19</a>
CIELCh	<a href="#">65, 67.779, 148.726</a>
Yxy	<a href="#">33.9625, 0.2747, 0.4983</a>
Android (android.graphics.Color)	<a href="#">4279612763</a> ( <a href="#">0xFF15B55B</a> )
YUV	<a href="#">122.9000, -15.7267, -89.3663</a>
Hunter-Lab	<a href="#">58.2774, -44.6427, 25.0592</a>

# Details

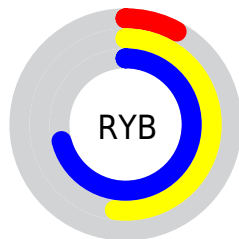
The Android color `4279612763` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290057583`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4284804751`, and `4278222634` is the 20% darker color. If you saturate the color by 10%, you get `4278433105`, and if you desaturate by 10%, it is `4280792421`.

# Distribution



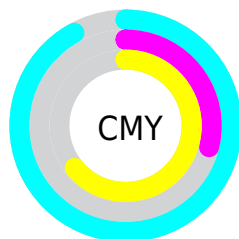
- Red (8%)
- Green (71%)
- Blue (36%)



- Red (8%)
- Yellow (52%)
- Blue (71%)



- Cyan (88%)
- Magenta (0%)
- Yellow (50%)
- Black (29%)



- Cyan (92%)
- Magenta (29%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279612763 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 4279612763 by changing the saturation by 10% instead.



 4279612763

 4279612763

4294967295

 4278229314

 4284804751

 4278222634

 4286840746

 4278215697

 4288806853

 4278209280

 4290772962

 4278203392

 4292739070

 4278196736

 4294770687

 4278190080

 4279612763

 4279612763

 4278433105

 4280792421

■ 4278236495

■ 4281972079

■ 4283151738

■ 4284331396

■ 4285576590

■ 4286756248

■ 4287935906

■ 4289115564

■ 4290295223

# Harmonies

## Analogous

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



4286753572



4279612763



4278237849

# Triad

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



4279612763



4278232575



4294928743

# Complementary

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



4279612763



4290057583

# 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.



4294926755



4279612763



4288122879

# Square

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



4279612763



4278236159



4293161949



4293689907

# Rectangle

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



4279612763



4278237891



4293161949



4294927482



# Sweetspot

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



4279612763



4289457095



4285576469



4283463008



4294309365



4285887861



# Same Dimension

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



4279612763



4278250343



4279612842



4283455828



4278229315



4278196747



# Inverse Universe

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



4290057583



4293591172



4290057504



4284043349



4288217174



4279894030



# Previews

## White Background



This preview shows how the Android color 4279612763 looks on a white background.

## Color Contrast Check

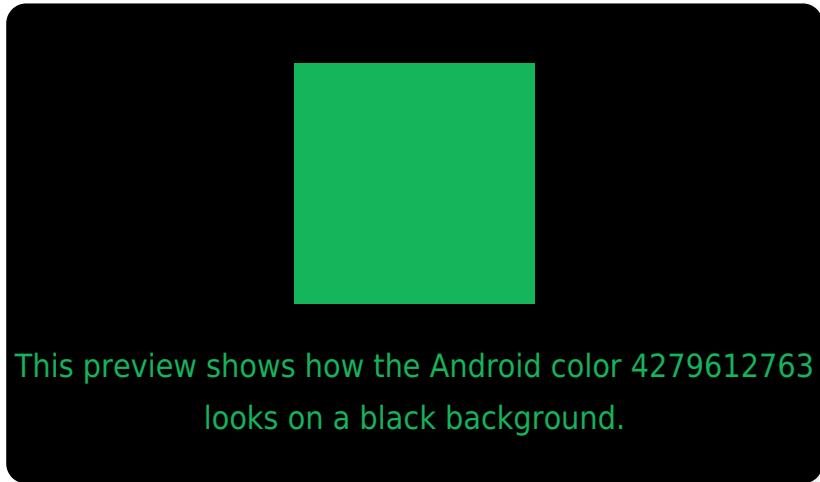
Large Text (above 18pt) WCAG AA × Fail

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 4279612763 Background



This preview shows how black text looks on a background with the Android color 4279612763.



This preview shows how white text looks on a background with the Android color 4279612763.

# 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**

4279612763



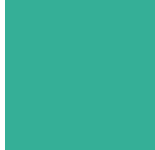
**Protanomaly**

4285900117



**Deuteranomaly**

4286554464



**Tritanomaly**

4281708439

# Monochromacy



**Original Color**

4279612763



**Achromatopsia**

4286282619



**Achromatomaly**

4283863151

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279612763 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(21, 181, 91)` looks like.

```
.text, #text, p{  
    color:rgb(21, 181, 91)  
}
```

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(21, 181, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 181, 91) }
```

## Border

The CSS property to change the border of an element to Android 4279612763 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(21, 181, 91) }
```

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

```
.border{ border-color:rgb(21, 181, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 181, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 181, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 181, 91);  
box-shadow:4px 4px 4px 4px rgb(21, 181,  
91) }
```

# Background

The CSS property to change the background color of an element to Android 4279612763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 181, 91) }
```

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

```
.background{ background-color: rgb(21, 181,  
91) }
```

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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