

# Converting Colors

Android(4279619594)

Have a look what the booklet for  
Android(4279619594) contains.

<b>Android(4279619594)</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(4279619594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15D00A
RGB	21, 208, 10
RGB Percent	8%, 82%, 4%
CMY	0.9176, 0.1843, 0.9608
CMYK	0.90, 0.00, 0.95, 0.18
HSL	117°, 91%, 43%
HSV	117°, 95%, 82%
XYZ	22.9199, 45.2931, 7.8216
YIQ	129.5150, -47.8940, -101.2220

# Conversions

## Conversions Part 2

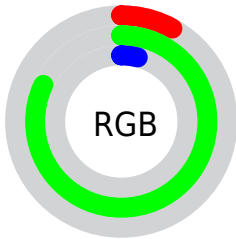
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 208, 197
Decimal	1429514
CIELab	73.08, -72.77, 70.45
CIELCh	73, 101.287, 135.926
Yxy	45.2931, 0.3014, 0.5957
Android (android.graphics.Color)	4279619594 (0xFF15D00A)
YUV	129.5150, -58.9209, -95.1677
Hunter-Lab	67.3001, -56.9848, 40.2194

# Details

The Android color `4279619594` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4291103440`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285529941`, and `4278228992` is the 20% darker color. If you saturate the color by 10%, you get `4279029760`, and if you desaturate by 10%, it is `4280930335`.

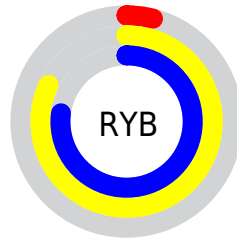
# Distribution



Red (8%)

Green (82%)

Blue (4%)



Red (4%)

Yellow (82%)

Blue (77%)

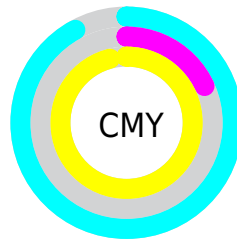


Cyan (90%)

Magenta (0%)

Yellow (95%)

Black (18%)



Cyan (92%)

Magenta (18%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279619594 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 4279619594 by changing the saturation by 10% instead.



 4279619594

 4279619594

4294967295

 4278236160

 4285529941

 4278228992

 4287692658

 4278222080

 4289724303

 4278215168

 4291821483

 4278208512

 4293853128

 4278202368

 4294967270

 4278194944

 4278190080

 4279619594

 4279619594

■ 4279029760

■ 4280930335

■ 4282175540

■ 4283486280

■ 4284797021

■ 4286042226

■ 4287352967

■ 4288663708

■ 4289908912

■ 4291219653

# Harmonies

## Analogous

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



4289445376



4279619594



4278245507

# Triad

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



4279619594



4278242303



4294916231

# Complementary

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



4279619594



4291103440

# 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.



4294919139



4279619594



4278234879

# Square

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



4279619594



4278245631



4294082559



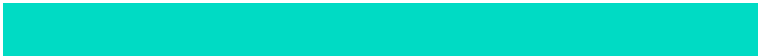
4294930474

# Rectangle

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



4279619594



4278246340



4294082559



4294913701

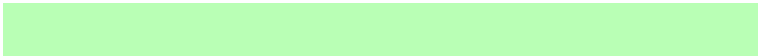


# Sweetspot

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



4279619594



4290379701



4291871498



4283793491



4278190080



4286611584



# Same Dimension

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



4279619594



4279172864



4278898784



4284442974



4278822912



4278331648



# Inverse Universe

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



4291103440



4293984511



4291824250



4285029993



4288610472

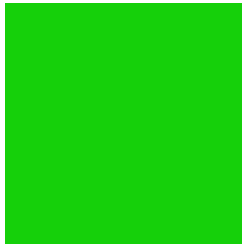


4280746025



# Previews

## White Background



This preview shows how the Android color 4279619594 looks on a white background.

## Color Contrast Check

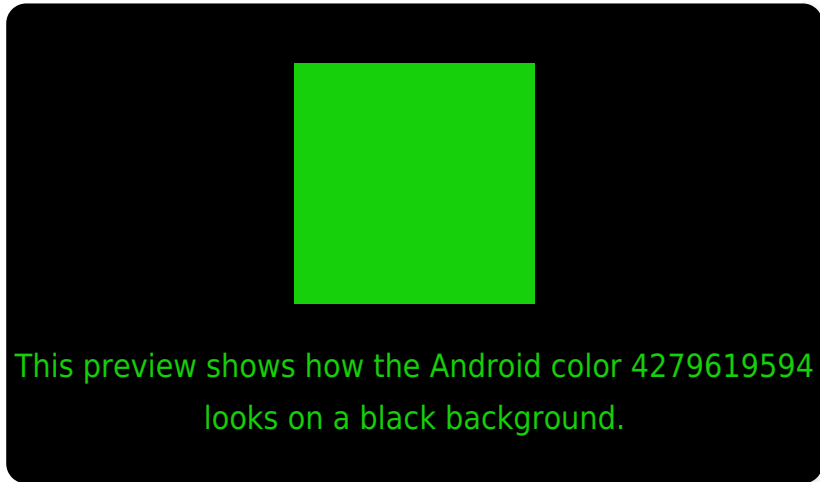
Large Text (above 18pt) WCAG AA × Fail

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

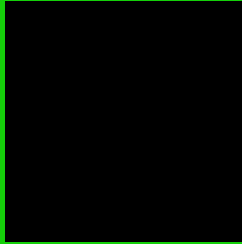
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279619594 Background



This preview shows how black text looks on a background with the Android color 4279619594.



This preview shows how white text looks on a background with the Android color 4279619594.

# 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**  
4279619594

**Protanopia**  
4291408384

**Deuteranopia**  
4292847918



# Trichromacy



**Original Color**

4279619594



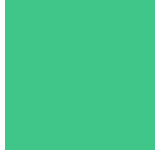
**Protanomaly**

4287151364



**Deuteranomaly**

4288067361



**Tritanomaly**

4282435209

# Monochromacy



**Original Color**

4279619594



**Achromatopsia**

4286743170



**Achromatomaly**

4284128854

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279619594 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, 208, 10)` looks like.

```
.text, #text, p{  
    color:rgb(21, 208, 10)  
}
```

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, 208, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 208, 10) }
```

## Border

The CSS property to change the border of an element to Android 4279619594 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, 208, 10) }
```

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

```
.border{ border-color:rgb(21, 208, 10) }
```

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

Here you see how a box with a 4 pixel rgb(21, 208, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 208, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 208, 10);  
box-shadow:4px 4px 4px 4px rgb(21, 208,  
10) }
```

# Background

The CSS property to change the background color of an element to Android 4279619594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 208, 10) }
```

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

```
.background{ background-color: rgb(21, 208,  
10) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor