

# Converting Colors

Android(4284391779)

Have a look what the booklet for  
Android(4284391779) contains.

<b>Android(4284391779)</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(4284391779)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA163
RGB	94, 161, 99
RGB Percent	37%, 63%, 39%
CMY	0.6314, 0.3686, 0.6118
CMYK	0.42, 0.00, 0.39, 0.37
HSL	124°, 26%, 50%
HSV	124°, 42%, 63%
XYZ	19.6131, 28.7703, 16.3239
YIQ	133.8990, -20.0300, -33.4860

# Conversions

## Conversions Part 2

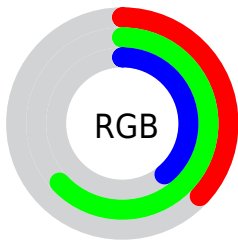
Format	Color
<a href="#">RYB</a>	<a href="#">94, 156, 161</a>
Decimal	<a href="#">6201699</a>
CIELab	<a href="#">60.58, -34.61, 25.78</a>
CIELCh	<a href="#">61, 43.162, 143.317</a>
Yxy	<a href="#">28.7703, 0.3031, 0.4446</a>
Android (android.graphics.Color)	<a href="#">4284391779 (0xFF5EA163)</a>
YUV	<a href="#">133.8990, -17.2052, -34.9914</a>
Hunter-Lab	<a href="#">53.6379, -28.5966, 19.5025</a>

# Details

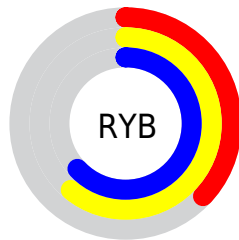
The Android color `4284391779` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288765596`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4287879318`, and `4280905011` is the 20% darker color. If you saturate the color by 10%, you get `4283343188`, and if you desaturate by 10%, it is `4285440370`.

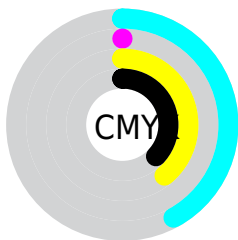
# Distribution



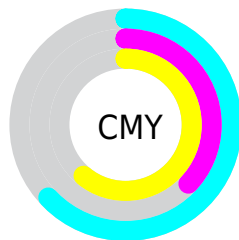
- Red (37%)
- Green (63%)
- Blue (39%)



- Red (37%)
- Yellow (61%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (39%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284391779 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 4284391779 by changing the saturation by 10% instead.



 4284391779

 4284391779

4294967295


 4282680907

 4287879318

 4280905011

 4289721777

 4278735901

 4291559373

 4278205445

 4293459945

 4278200064

 4278191104

 4278190080

 4284391779


 4284391779

 4283343188

 4285440370

 4282294597

 4286488961

 4281246006

 4287537552

 4280197415

 4288586143

 4279083289

 4289700269

 4278231308

 4290748860

 4291797451

 4292846042

 4293894633

# Harmonies

## Analogous

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



4287338826



4284391779



4278756744

# Triad

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



4284391779



4281965021



4292506742

# Complementary

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



4284391779



4288765596

# 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.



4292113308



4284391779



4287138776

# Square

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



4284391779



4278231502



4290346432



4291592022

# Rectangle

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



4284391779



4278232738



4290346432



4292506498



# Sweetspot

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



4284391779



4290302394



4288520542



4284115291



4293454056



4285098345



# Same Dimension

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



4284391779



4285124976



4284391812



4282995274



4278227211



4278194689



# Inverse Universe

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



4288765596



4291914185



4288765563



4283582801



4287692935



4279369745



# Previews

## White Background



This preview shows how the Android color 4284391779 looks on a white background.

## Color Contrast Check

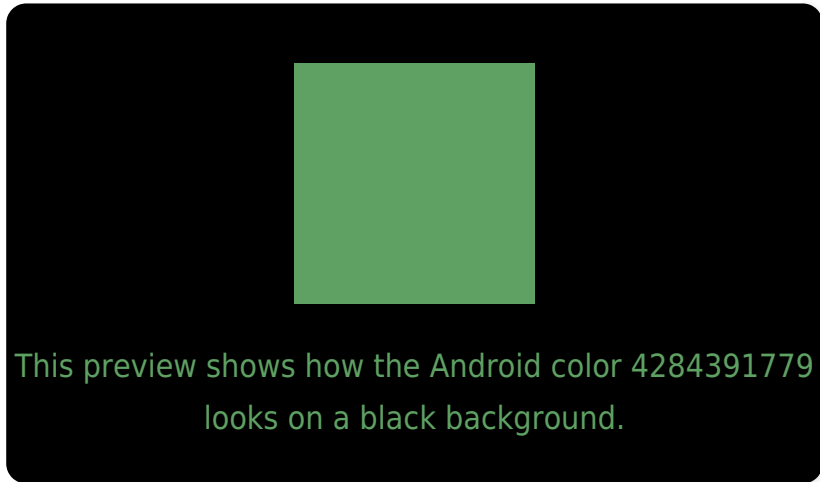
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284391779 Background



This preview shows how black text looks on a background with the Android color 4284391779.



This preview shows how white text looks on a background with the Android color 4284391779.

# 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**  
4284391779

**Protanomaly**  
4287076191

**Deuteranomaly**  
4287664998

**Tritanomaly**  
4284980365

# Monochromacy



**Original Color**  
4284391779

**Achromatopsia**  
4287006342

**Achromatomaly**  
4286025849

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284391779 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(94, 161, 99)` looks like.

```
.text, #text, p{  
    color:rgb(94, 161, 99)  
}
```

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(94, 161, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 99) }
```

## Border

The CSS property to change the border of an element to Android 4284391779 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(94, 161, 99) }
```

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

```
.border{ border-color:rgb(94, 161, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 161, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 99);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
99) }
```

# Background

The CSS property to change the background color of an element to Android 4284391779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 99) }
```

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

```
.background{ background-color: rgb(94, 161,  
99) }
```

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