

Converting Colors

Android(4279211591)

Have a look what the booklet for
Android(4279211591) contains.

Android(4279211591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4279211591)

Conversions

Conversions Part 1

Format	Color
Hex	0F9647
RGB	15, 150, 71
RGB Percent	6%, 59%, 28%
CMY	0.9412, 0.4118, 0.7216
CMYK	0.90, 0.00, 0.53, 0.41
HSL	145°, 82%, 32%
HSV	145°, 90%, 59%
XYZ	12.2407, 22.3692, 9.6338
YIQ	100.6290, -55.1010, -53.1890

Conversions

Conversions Part 2

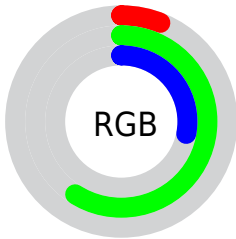
Format	Color
RYB	15, 110, 150
Decimal	1021511
CIELab	54.42, -51.02, 32.29
CIELCh	54, 60.379, 147.673
Yxy	22.3692, 0.2767, 0.5056
Android (android.graphics.Color)	4279211591 (0xFF0F9647)
YUV	100.6290, -14.6071, -75.0966
Hunter-Lab	47.2961, -36.5706, 21.0304

Details

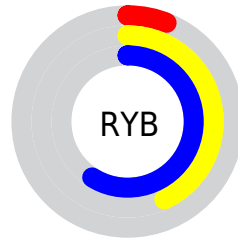
The Android color `4279211591` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4288024414`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284140921`, and `4278215191` is the 20% darker color. If you saturate the color by 10%, you get `4278228542`, and if you desaturate by 10%, it is `4280194640`.

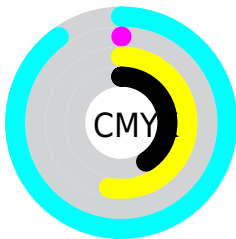
Distribution



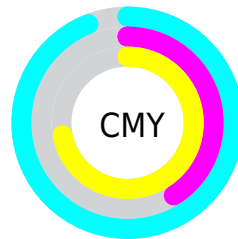
- Red (6%)
- Green (59%)
- Blue (28%)



- Red (6%)
- Yellow (43%)
- Blue (59%)



- Cyan (90%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)



- Cyan (94%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279211591 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 4279211591 by changing the saturation by 10% instead.



4279211591



4279211591

4294967295



4278221615



4284140921



4278215191



4286048915



4278208768



4287954862



4278202624



4289855434



4278196224



4291821542



4278190080



4293722111



4279211591




4279211591



4278228542



4280194640

 4281177689

 4282160737

 4283143786

 4284126835

 4285109884

 4286092932

 4287075981

 4288059030

Harmonies

Analogous

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



4285304087



4279211591



4278229628

Triad

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



4279211591



4278225643



4292695125

Complementary

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



4279211591



4288024414

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.



4292628104



4279211591



4286150367

Square

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



4279211591



4278228442



4290600635



4291193127

Rectangle

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



4279211591



4278229664



4290600635



4292824934

Sweetspot

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



4279211591



4287480483



4284519951



4282540367



4292927712



4284572001

Same Dimension

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



4279211591



4278239824



4279211657



4282600006



4278225465



4278192644

Inverse Universe

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



4288024414



4290904177



4288024349



4283056967



4287234129



4278845446

Previews

White Background



This preview shows how the Android color 4279211591 looks on a white background.

Color Contrast Check

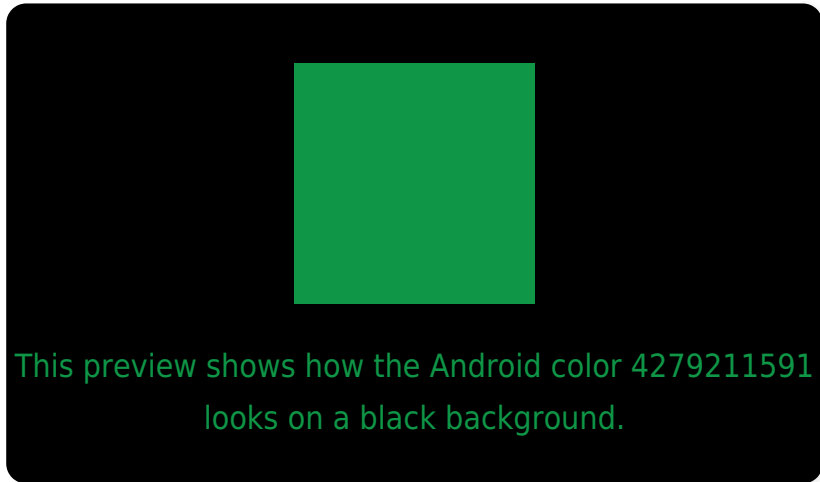
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279211591 Background



This preview shows how black text looks on a background with the Android color 4279211591.



This preview shows how white text looks on a background with the Android color 4279211591.

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
4279211591

Protanopia
4287594816

Deuteranopia
4288510798

Trichromacy



Original Color

4279211591



Protanomaly

4284516675



Deuteranomaly

4285105483



Tritanomaly

4281045115

Monochromacy



Original Color

4279211591



Achromatopsia

4284835173



Achromatomaly

4282808154

CSS Examples

Text

The CSS property to change the color of the text to Android 4279211591 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(15, 150, 71)` looks like.

```
.text, #text, p{  
    color:rgb(15, 150, 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(15, 150, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 150, 71) }
```

Border

The CSS property to change the border of an element to Android 4279211591 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(15, 150, 71) }
```

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

```
.border{ border-color:rgb(15, 150, 71) }
```

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

Here you see how a box with a 4 pixel rgb(15, 150, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 150, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 150, 71);  
box-shadow:4px 4px 4px 4px rgb(15, 150,  
71) }
```

Background

The CSS property to change the background color of an element to Android 4279211591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 150, 71) }
```

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

```
.background{ background-color: rgb(15, 150,  
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](#).

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