

Converting Colors

Android(4279795968)

Have a look what the booklet for
Android(4279795968) contains.

Android(4279795968)	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(4279795968)

Conversions

Conversions Part 1

Format	Color
Hex	188100
RGB	24, 129, 0
RGB Percent	9%, 51%, 0%
CMY	0.9059, 0.4941, 1.0000
CMYK	0.81, 0.00, 1.00, 0.49
HSL	109°, 100%, 25%
HSV	109°, 100%, 51%
XYZ	8.2269, 15.8947, 2.6344
YIQ	82.8990, -21.1710, -62.3790

Conversions

Conversions Part 2

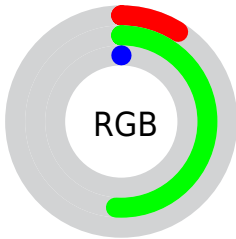
Format	Color
RYB	0, 129, 105
Decimal	1605888
CIELab	46.84, -49.67, 50.49
CIELCh	47, 70.828, 134.529
Yxy	15.8947, 0.3075, 0.5941
Android (android.graphics.Color)	4279795968 (0xFF188100)
YUV	82.8990, -40.8692, -51.6544
Hunter-Lab	39.8682, -32.9351, 23.9900

Details

The Android color `4279795968` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4285071489`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284135232`, and `4278210048` is the 20% darker color. If you saturate the color by 10%, you get `4279795968`, and if you desaturate by 10%, it is `4280451341`.

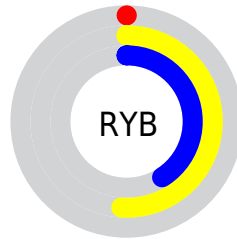
Distribution



Red (9%)

Green (51%)

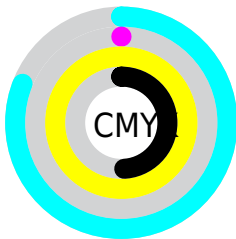
Blue (0%)



Red (0%)

Yellow (51%)

Blue (41%)

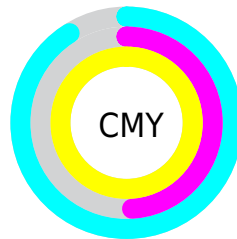


Cyan (81%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (91%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279795968 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 4279795968 by changing the saturation by 10% instead.

 4279795968

 4279795968

4294967295

 4278216448

 4284135232

 4278210048

 4286042970

 4278203904

 4287885429

 4278198272

 4289789840

 4278190080


 4291690411

 4293656519

 4294967268

 4279795968

 4280451341

 4281172250

 4281827623

 4282548532

 4283203905

 4283924813

 4284645722

 4285301095

 4285956468

Harmonies

Analogous

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



4285297920



4279795968



4278224717

Triad

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



4279795968



4278222819



4292157525

Complementary

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



4279795968



4285071489

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.



4291307920



4279795968



4278218212

Square

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



4279795968



4278224834



4287909829



4291117595

Rectangle

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



4279795968



4278225015



4287909829



4292156265

Sweetspot

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



4279795968



4286556278



4286670592



4282078262



4292138196



4283716692

Same Dimension

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



4279795968



4280264704



4278223143



4282073145



4279795712



4278190080

Inverse Universe

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



4285071489



4287168680



4286644314



4282333504



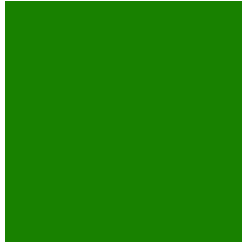
4285005952



4278190080

Previews

White Background



This preview shows how the Android color 4279795968 looks on a white background.

Color Contrast Check

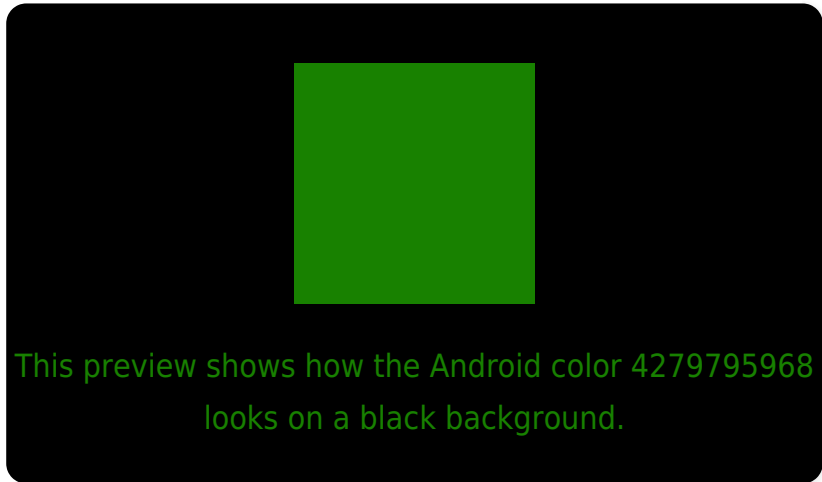
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

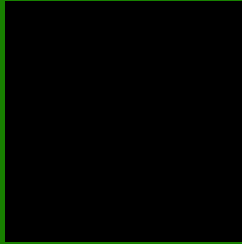
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4279795968 Background



This preview shows how black text looks on a background with the Android color 4279795968.



This preview shows how white text looks on a background with the Android color 4279795968.

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
4279795968

Protanopia
4286410496

Deuteranopia
4287326492

Trichromacy



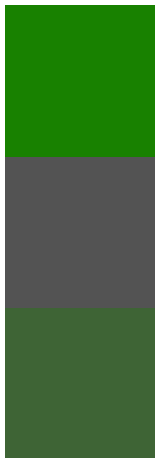
Original Color
4279795968

Protanomaly
4283987456

Deuteranomaly
4284576274

Tritanomaly
4281236307

Monochromacy



Original Color
4279795968

Achromatopsia
4283650899

Achromatomaly
4282278965

CSS Examples

Text

The CSS property to change the color of the text to Android 4279795968 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(24, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(24, 129, 0)  
}
```

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(24, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 129, 0) }
```

Border

The CSS property to change the border of an element to Android 4279795968 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(24, 129, 0) }
```

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

```
.border{ border-color:rgb(24, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(24, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(24, 129, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4279795968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 129, 0) }
```

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

```
.background{ background-color: rgb(24, 129,  
0) }
```

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