

Converting Colors

Android(4279796757)

Have a look what the booklet for
Android(4279796757) contains.

Android(4279796757)	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(4279796757)

Conversions

Conversions Part 1

Format	Color
Hex	188415
RGB	24, 132, 21
RGB Percent	9%, 52%, 8%
CMY	0.9059, 0.4824, 0.9176
CMYK	0.82, 0.00, 0.84, 0.48
HSL	118°, 73%, 30%
HSV	118°, 84%, 52%
XYZ	8.7633, 16.7509, 3.4808
YIQ	87.0540, -28.7370, -57.4170

Conversions

Conversions Part 2

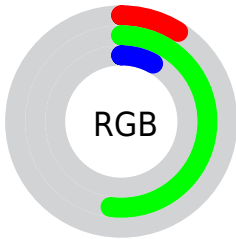
Format	Color
RYB	21, 132, 129
Decimal	1606677
CIELab	47.94, -49.74, 46.77
CIELCh	48, 68.279, 136.761
Yxy	16.7509, 0.3022, 0.5777
Android (android.graphics.Color)	4279796757 (0xFF188415)
YUV	87.0540, -32.5646, -55.2984
Hunter-Lab	40.9278, -33.4039, 23.6070

Details

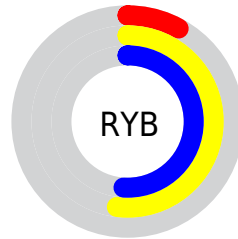
The Android color `4279796757` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4286649732`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284136011`, and `4278210816` is the 20% darker color. If you saturate the color by 10%, you get `4278944776`, and if you desaturate by 10%, it is `4280648738`.

Distribution



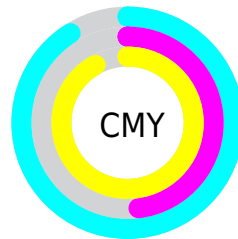
- Red (9%)
- Green (52%)
- Blue (8%)



- Red (8%)
- Yellow (52%)
- Blue (51%)



- Cyan (82%)
- Magenta (0%)
- Yellow (84%)
- Black (48%)



- Cyan (91%)
- Magenta (48%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 429796757 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 429796757 by changing the saturation by 10% instead.



4279796757



4279796757

4294967295



4278217216



4284136011



4278210816



4286043749



4278204672



4287886208



4278199040



4289789851



4278190080



4291690422



4293656530



4294967279



4279796757



4279796757

■ 4278944776

■ 4280648738

■ 4278486016

■ 4281500719

■ 4282352701

■ 4283139146

■ 4283991127

■ 4284843108

■ 4285695089

■ 4286547071

■ 4287399052

Harmonies

Analogous

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



[4285298944](#)



[4279796757](#)



[4278225237](#)

Triad

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



4279796757



4278223075



4292226388

Complementary

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



4279796757



4286649732

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.



4291441038



4279796757



4279856865

Square

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



4279796757



4278225349



4288369090



4291054108

Rectangle

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



4279796757



4278225790



4288369090



4292159847

Sweetspot

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



4279796757



4286688128



4286873621



4282210109



4292269782



4283914071

Same Dimension

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



4279796757



4278561536



4279600201



4282139196



4278485504



4278190848

Inverse Universe

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



4286649732



4289069227



4286846288



4282530882



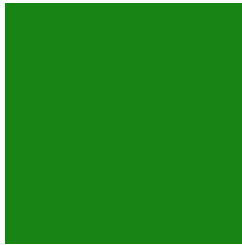
4286513282



4278321155

Previews

White Background



This preview shows how the Android color 4279796757 looks on a white background.

Color Contrast Check

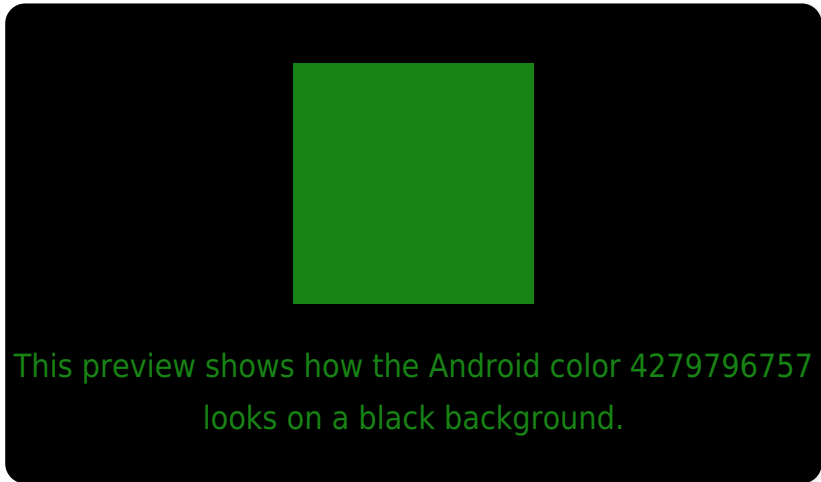
Large Text (above 18pt) WCAG AA ✓ Pass

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

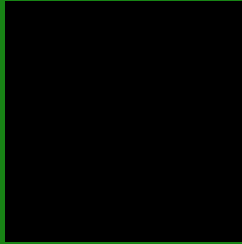
Any Text WCAG AA × Fail

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 4279796757 Background



This preview shows how black text looks on a background with the Android color 4279796757.



This preview shows how white text looks on a background with the Android color 4279796757.

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
4279796757

Protanopia
4286607632

Deuteranopia
4287523619

Trichromacy



Original Color

4279796757



Protanomaly

4284119058



Deuteranomaly

4284707870



Tritanomaly

4281237084

Monochromacy



Original Color

4279796757



Achromatopsia

4283914071



Achromatomaly

4282410815

CSS Examples

Text

The CSS property to change the color of the text to Android 4279796757 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, 132, 21)` looks like.

```
.text, #text, p{  
    color:rgb(24, 132, 21)  
}
```

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, 132, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 132, 21) }
```

Border

The CSS property to change the border of an element to Android 4279796757 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, 132, 21) }
```

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

```
.border{ border-color:rgb(24, 132, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 132, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 132, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 132, 21);  
box-shadow:4px 4px 4px 4px rgb(24, 132,  
21) }
```

Background

The CSS property to change the background color of an element to Android 4279796757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 132, 21) }
```

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

```
.background{ background-color: rgb(24, 132,  
21) }
```

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