

Converting Colors

Android(4279286111)

Have a look what the booklet for
Android(4279286111) contains.

Android(4279286111)	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(4279286111)

Conversions

Conversions Part 1

Format	Color
Hex	10B95F
RGB	16, 185, 95
RGB Percent	6%, 73%, 37%
CMY	0.9373, 0.2745, 0.6275
CMYK	0.91, 0.00, 0.49, 0.27
HSL	148°, 84%, 39%
HSV	148°, 91%, 73%
XYZ	19.6282, 35.6343, 16.6701
YIQ	124.2090, -71.8340, -63.8180

Conversions

Conversions Part 2

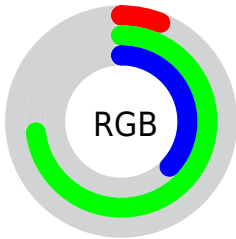
Format	Color
RYB	16, 131, 185
Decimal	1096031
CIELab	66.24, -58.94, 34.80
CIELCh	66, 68.446, 149.442
Yxy	35.6343, 0.2729, 0.4954
Android (android.graphics.Color)	4279286111 (0xFF10B95F)
YUV	124.2090, -14.4000, -94.8993
Hunter-Lab	59.6945, -45.7726, 25.2290

Details

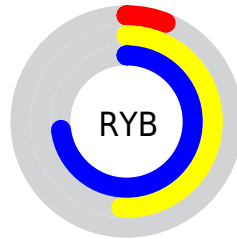
The Android color **4279286111** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290318442**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4284805779**, and **4278223406** is the 20% darker color. If you saturate the color by 10%, you get **4278237526**, and if you desaturate by 10%, it is **4280531305**.

Distribution



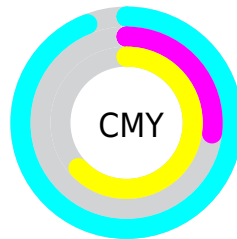
- Red (6%)
- Green (73%)
- Blue (37%)



- Red (6%)
- Yellow (51%)
- Blue (73%)



- Cyan (91%)
- Magenta (0%)
- Yellow (49%)
- Black (27%)



- Cyan (94%)
- Magenta (27%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279286111 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 4279286111 by changing the saturation by 10% instead.

 4279286111

 4279286111

4294967295

 4278230342

 4284805779

 4278223406

 4286840750

 4278216725

 4288806858

 4278210048

 4290772966

 4278204160

 4292804607

 4278197760

 4294770687


 4278190080

 4279286111

 4279286111

 4278237526

 4280531305

 4281710963

 4282890621

 4284135814

 4285381008

 4286560666

 4287805860

 4288985518

 4290165176

Harmonies

Analogous

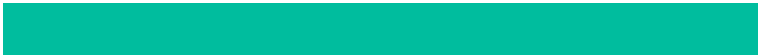
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286820136



4279286111



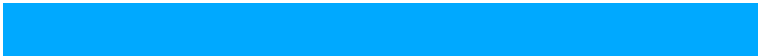
4278238622

Triad

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



4279286111



4278233599



4294929768

Complementary

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



4279286111



4290318442

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.



4294927525



4279286111



4288516607

Square

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



4279286111



4278237183



4293555681



4293887540

Rectangle

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



4279286111



4278238920



4293555681



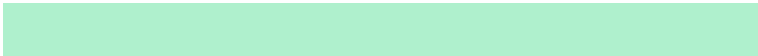
4294928252

Sweetspot

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



4279286111



4289720525



4285184272



4283529315



4294440951



4286085240

Same Dimension

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



4279286111



4278251632



4279286195



4283653207



4278230089



4278197261

Inverse Universe

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



4290318442



4293918848



4290318358



4284240728



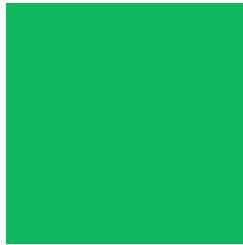
4288413779



4280025103

Previews

White Background



This preview shows how the Android color 4279286111 looks on a white background.

Color Contrast Check

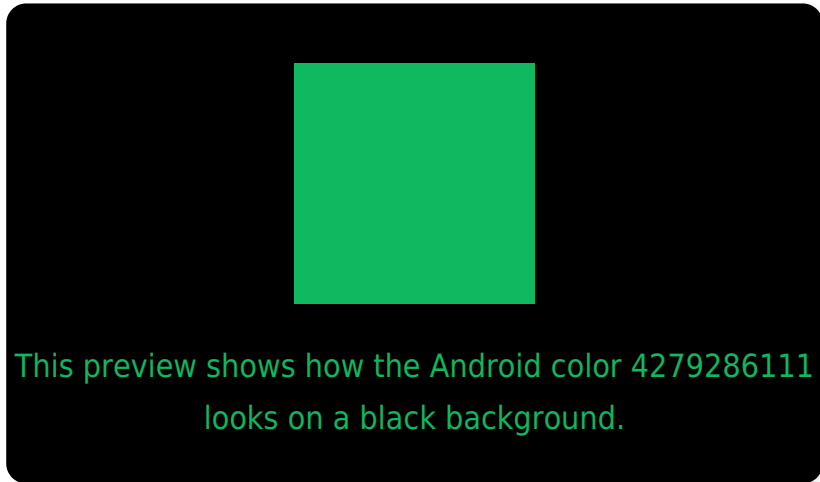
Large Text (above 18pt) WCAG AA × Fail

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 4279286111 Background



This preview shows how black text looks on a background with the Android color 4279286111.



This preview shows how white text looks on a background with the Android color 4279286111.

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
4279286111

Protanopia
4289765462

Deuteranopia
4290812263

Trichromacy



Original Color

4279286111



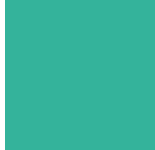
Protanomaly

4285966681



Deuteranomaly

4286621028



Tritanomaly

4281643931

Monochromacy



Original Color

4279286111



Achromatopsia

4286348412



Achromatomaly

4283798129

CSS Examples

Text

The CSS property to change the color of the text to Android 4279286111 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(16, 185, 95)` looks like.

```
.text, #text, p{  
    color:rgb(16, 185, 95)  
}
```

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(16, 185, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 185, 95) }
```

Border

The CSS property to change the border of an element to Android 4279286111 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(16, 185, 95) }
```

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

```
.border{ border-color:rgb(16, 185, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 185, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 185, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 185, 95);  
box-shadow:4px 4px 4px 4px rgb(16, 185,  
95) }
```

Background

The CSS property to change the background color of an element to Android 4279286111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 185, 95) }
```

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

```
.background{ background-color: rgb(16, 185,  
95) }
```

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