

# Converting Colors

Android(4280127286)

Have a look what the booklet for  
Android(4280127286) contains.

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# Color

**Android(4280127286)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D8F36
RGB	29, 143, 54
RGB Percent	11%, 56%, 21%
CMY	0.8863, 0.4392, 0.7882
CMYK	0.80, 0.00, 0.62, 0.44
HSL	133°, 66%, 34%
HSV	133°, 80%, 56%
XYZ	10.9950, 20.1725, 6.8042
YIQ	98.7680, -39.3750, -51.8470

# Conversions

## Conversions Part 2

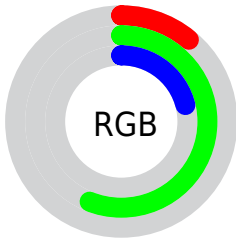
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 122, 143
Decimal	1937206
CIE <sub>Lab</sub>	52.03, -49.61, 37.93
CIE <sub>LCh</sub>	52, 62.452, 142.603
Yxy	20.1725, 0.2896, 0.5313
Android (android.graphics.Color)	4280127286 (0xFF1D8F36)
YUV	98.7680, -22.0706, -61.1865
Hunter-Lab	44.9138, -34.9018, 22.4575

# Details

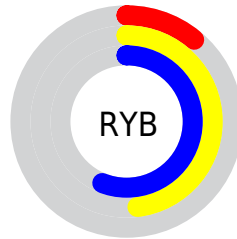
The Android color `4280127286` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287569270`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4284401256`, and `4278213377` is the 20% darker color. If you saturate the color by 10%, you get `4279209771`, and if you desaturate by 10%, it is `4281044801`.

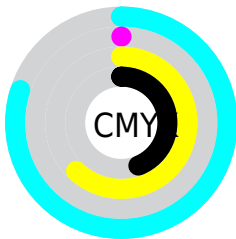
# Distribution



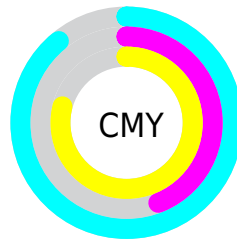
- Red (11%)
- Green (56%)
- Blue (21%)



- Red (11%)
- Yellow (48%)
- Blue (56%)



- Cyan (80%)
- Magenta (0%)
- Yellow (62%)
- Black (44%)



- Cyan (89%)
- Magenta (44%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280127286 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 4280127286 by changing the saturation by 10% instead.



 4280127286

 4280127286

4294967295

 4278220061

 4284401256

 4278213377

 4286308994

 4278206976

 4288151453

 4278201600

 4290052024

 4278193664

 4291952596

 4278190080

 4293918705

 4280127286

 4280127286

 4279209771

 4281044801

■ 4278226720

■ 4282027852

■ 4278226719

■ 4282945367

■ 4283862883

■ 4284845934

■ 4285763449

■ 4286680964

■ 4287598479

■ 4288581530

# Harmonies

## Analogous

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



4285433088



4280127286



4278228077

# Triad

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



4280127286



4278224615



4292495446

# Complementary

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



4280127286



4287569270

# 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.



4292101516



4280127286



4284445920

# Square

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



4280127286



4278227409



4289682110



4291190309

# Rectangle

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



4280127286



4278228370



4289682110



4292559976



# Sweetspot

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



4280127286



4287478423



4285959965



4282605129



4292796126



4284374622



# Same Dimension

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



4280127286



4278696495



4280127343



4282402626



4278224670



4278192130



# Inverse Universe

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



4287569270



4290381715



4287569213



4282859590



4287037546



4278714374



# Previews

## White Background



This preview shows how the Android color 4280127286 looks on a white background.

## Color Contrast Check

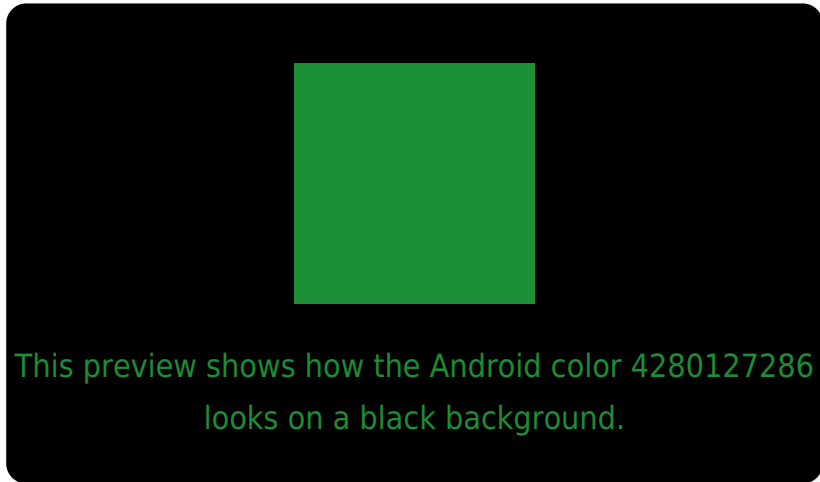
Large Text (above 18pt) WCAG AA ✓ Pass

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

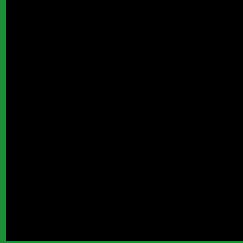
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280127286 Background



This preview shows how black text looks on a background with the Android color 4280127286.



This preview shows how white text looks on a background with the Android color 4280127286.

# 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**  
4280127286

**Protanopia**  
4287200048

**Deuteranopia**  
4288181566



# Trichromacy



**Original Color**

4280127286



**Protanomaly**

4284645938



**Deuteranomaly**

4285234747



**Tritanomaly**

4281567600

# Monochromacy



**Original Color**

4280127286



**Achromatopsia**

4284703587



**Achromatomaly**

4283069267

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280127286 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(29, 143, 54)` looks like.

```
.text, #text, p{  
    color:rgb(29, 143, 54)  
}
```

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(29, 143, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 143, 54) }
```

## Border

The CSS property to change the border of an element to Android 4280127286 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(29, 143, 54) }
```

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

```
.border{ border-color:rgb(29, 143, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 143, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 143, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 143, 54);  
box-shadow:4px 4px 4px 4px rgb(29, 143,  
54) }
```

# Background

The CSS property to change the background color of an element to Android 4280127286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 143, 54) }
```

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

```
.background{ background-color: rgb(29, 143,  
54) }
```

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](#).



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