

Converting Colors

Android(4282446127)

Have a look what the booklet for
Android(4282446127) contains.

Android(4282446127)	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(4282446127)

Conversions

Conversions Part 1

Format	Color
Hex	40F12F
RGB	64, 241, 47
RGB Percent	25%, 95%, 18%
CMY	0.7490, 0.0549, 0.8157
CMYK	0.73, 0.00, 0.80, 0.05
HSL	115°, 87%, 56%
HSV	115°, 80%, 95%
XYZ	34.0827, 64.2058, 13.2859
YIQ	165.9610, -43.2180, -97.8580

Conversions

Conversions Part 2

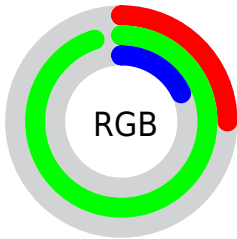
Format	Color
RYB	47, 241, 224
Decimal	4256047
CIELab	84.07, -76.12, 73.34
CIELCh	84, 105.706, 136.067
Yxy	64.2058, 0.3055, 0.5755
Android (android.graphics.Color)	4282446127 (0xFF40F12F)
YUV	165.9610, -58.6478, -89.4198
Hunter-Lab	80.1285, -64.2998, 46.2592

Details

The Android color `4282446127` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4292882417`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4287299437`, and `4278236928` is the 20% darker color. If you saturate the color by 10%, you get `4281004311`, and if you desaturate by 10%, it is `4283887943`.

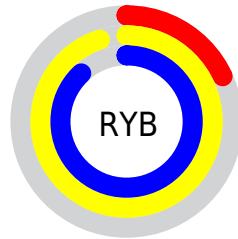
Distribution



Red (25%)

Green (95%)

Blue (18%)



Red (18%)

Yellow (95%)

Blue (88%)

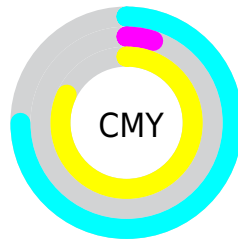


Cyan (73%)

Magenta (0%)

Yellow (80%)

Black (5%)



Cyan (75%)

Magenta (5%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282446127 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 4282446127 by changing the saturation by 10% instead.



4282446127



4282446127

4294967295



4278244352



4287299437



4278236928



4289396618



4278229760



4291493799



4278222848



4293590980



4278215936



4294967266



4278209280



4278203136



4278195968



4278190080

 4282446127

 4282446127

 4281004311

 4283887943

 4279628032

 4285329759

 4286771575

 4288213391

 4289655207

 4291097024

 4292538840

 4293980656

 4294963711

Harmonies

Analogous

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



4291485184



4282446127



4278254494

Triad

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



4282446127



4278250495



4294925473

Complementary

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



4282446127



4292882417

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.



4294927615



4282446127



4280995071

Square

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



4282446127



4278254335



4294941695



4294937665

Rectangle

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



4282446127



4278255076



4294941695



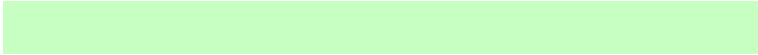
4294923714

Sweetspot

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



4282446127



4291297218



4294041135



4284383323



4278190080



4286611584

Same Dimension

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



4282446127



4280155912



4281332093



4285364332



4279285760



4278532096

Inverse Universe

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



4292882417



4293462271



4293996451



4286016632



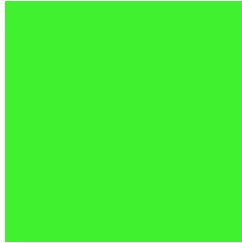
4289200312



4281532472

Previews

White Background



This preview shows how the Android color 4282446127 looks on a white background.

Color Contrast Check

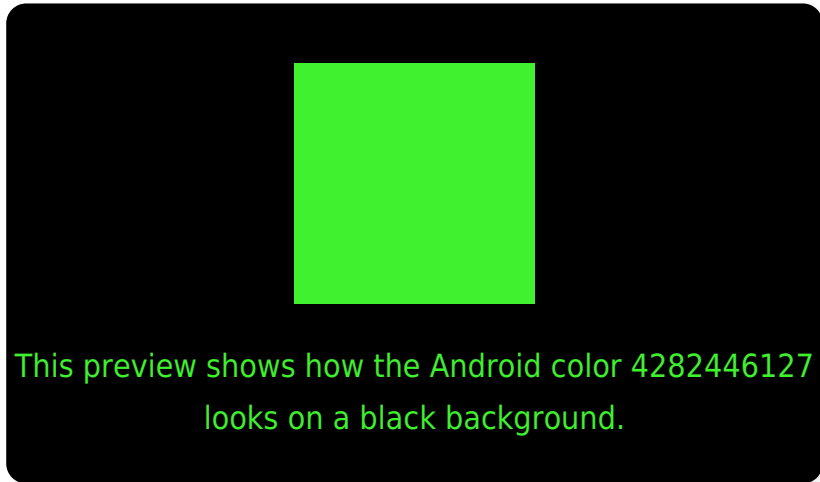
Large Text (above 18pt) WCAG AA × Fail

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 4282446127 Background



This preview shows how black text looks on a background with the Android color 4282446127.

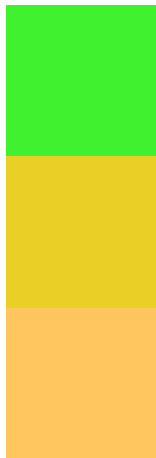


This preview shows how white text looks on a background with the Android color 4282446127.

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
4282446127

Protanopia
4293578790

Deuteranopia
4294952543

Trichromacy



Original Color

4282446127



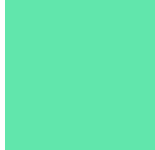
Protanomaly

4289518633



Deuteranomaly

4290434638



Tritanomaly

4284606124

Monochromacy



Original Color

4282446127



Achromatopsia

4289111718



Achromatomaly

4286693755

CSS Examples

Text

The CSS property to change the color of the text to Android 4282446127 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(64, 241, 47)` looks like.

```
.text, #text, p{  
    color:rgb(64, 241, 47)  
}
```

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(64, 241, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 241, 47) }
```

Border

The CSS property to change the border of an element to Android 4282446127 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(64, 241, 47) }
```

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

```
.border{ border-color:rgb(64, 241, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 241, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 241, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 241, 47);  
box-shadow:4px 4px 4px 4px rgb(64, 241,  
47) }
```

Background

The CSS property to change the background color of an element to Android 4282446127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 241, 47) }
```

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

```
.background{ background-color: rgb(64, 241,  
47) }
```

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