

Converting Colors

Android(4280612217)

Have a look what the booklet for
Android(4280612217) contains.

| | |
|--|----|
| Android(4280612217) | 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(4280612217)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 24F579 |
| RGB | 36, 245, 121 |
| RGB Percent | 14%, 96%, 47% |
| CMY | 0.8588, 0.0392, 0.5255 |
| CMYK | 0.85, 0.00, 0.51, 0.04 |
| HSL | 144°, 91%, 55% |
| HSV | 144°, 85%, 96% |
| XYZ | 36.8312, 67.0604, 29.0919 |
| YIQ | 168.3730, -84.7600, -82.8720 |

Conversions

Conversions Part 2

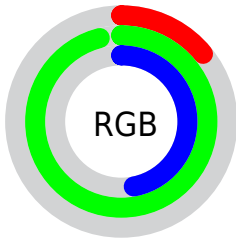
| Format | Color |
|-------------------------------------|----------------------------------|
| R_{YB} | 36, 185, 245 |
| Decimal | 2422137 |
| CIE _{Lab} | 85.53, -73.12, 46.24 |
| CIE _{LCh} | 86, 86.518, 147.690 |
| Yxy | 67.0604, 0.2770, 0.5043 |
| Android (android.graphics.Color) | 4280612217 (0xFF24F579) |
| YUV | 168.3730, -23.3549, -116.0911 |
| Hunter-Lab | 81.8904, -63.0257, 36.2603 |

Details

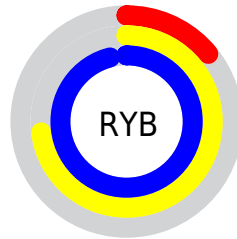
The Android color `4280612217` is a dark color, and the websafe version is hex `00FF99`. The color can be described as middle washed spring green. A complement of this color would be `4294255776`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4286250927`, and `4278238021` is the 20% darker color. If you saturate the color by 10%, you get `4279039338`, and if you desaturate by 10%, it is `4282250632`.

Distribution



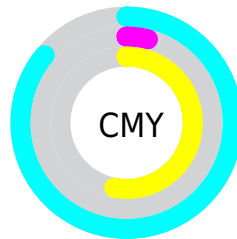
- Red (14%)
- Green (96%)
- Blue (47%)



- Red (14%)
- Yellow (73%)
- Blue (96%)



- Cyan (85%)
- Magenta (0%)
- Yellow (51%)
- Black (4%)



- Cyan (86%)
- Magenta (4%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280612217 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 4280612217 by changing the saturation by 10% instead.



4280612217



4280612217

4294967295



4278245471



4286250927



4278238021



4288413643



4278230826



4290510824



4278223883



4292607999



4278216960



4294705151



4278210304



4278204160



4278197248



4278190080

 4280612217

 4280612217

 4279039338

 4282250632

 4278252900

 4283823510

 4285461925

 4287034803

 4288673218

 4290246096

 4291884511

 4293457389

 4294964732

Harmonies

Analogous

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



4289980206



4280612217



4278254541

Triad

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



4280612217



4278247935



4294938255

Complementary

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



4280612217



4294255776

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.



4294935776



4280612217



4291347455

Square

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



4280612217



4278252799



4294942207



4294946631

Rectangle

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



4280612217



4278254847



4294942207



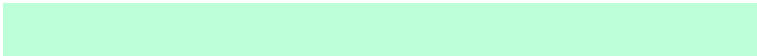
4294936233

Sweetspot

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



4280612217



4290641880



4288804132



4283990120



4278190080



4286611584

Same Dimension

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



4280612217



4278255464



4280612320



4285430387



4278237772



4278205208

Inverse Universe

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



4294255776



4294901911



4294255673



4286213749



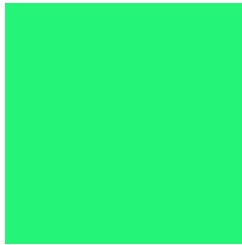
4290379886



4282056739

Previews

White Background



This preview shows how the Android color 4280612217 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



This preview shows how the Android color 4280612217 looks on a 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 4280612217 Background



This preview shows how black text looks on a background with the Android color 4280612217.

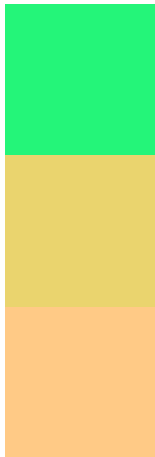


This preview shows how white text looks on a background with the Android color 4280612217.

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
4280612217

Protanopia
4293579886

Deuteranopia
4294953606

Trichromacy



Original Color

4280612217



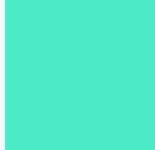
Protanomaly

4288864370



Deuteranomaly

4289714817



Tritanomaly

4283231435

Monochromacy



Original Color

4280612217



Achromatopsia

4289243304



Achromatomaly

4286104727

CSS Examples

Text

The CSS property to change the color of the text to Android 4280612217 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(36, 245, 121)` looks like.

```
.text, #text, p{  
    color:rgb(36, 245, 121)  
}
```

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(36, 245, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 245, 121) }
```

Border

The CSS property to change the border of an element to Android 4280612217 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(36, 245, 121) }
```

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

```
.border{ border-color:rgb(36, 245, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 245, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 245, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 245, 121);  
box-shadow:4px 4px 4px 4px rgb(36, 245,  
121) }
```

Background

The CSS property to change the background color of an element to Android 4280612217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 245, 121) }
```

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

```
.background{ background-color: rgb(36, 245,  
121) }
```

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