

Converting Colors

Android(4278227260)

Have a look what the booklet for
Android(4278227260) contains.

Android(4278227260)	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(4278227260)

Conversions

Conversions Part 1

Format	Color
Hex	00913C
RGB	0, 145, 60
RGB Percent	0%, 57%, 24%
CMY	1.0000, 0.4314, 0.7647
CMYK	1.00, 0.00, 0.59, 0.43
HSL	145°, 100%, 28%
HSV	145°, 100%, 57%
XYZ	10.9410, 20.5770, 7.6701
YIQ	91.9550, -59.1350, -57.1750

Conversions

Conversions Part 2

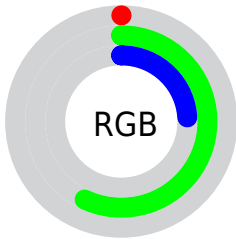
Format	Color
RYB	0, 103, 145
Decimal	37180
CIELab	52.48, -51.96, 35.48
CIELCh	52, 62.917, 145.678
Yxy	20.5770, 0.2792, 0.5251
Android (android.graphics.Color)	4278227260 (0xFF00913C)
YUV	91.9550, -15.7538, -80.6445
Hunter-Lab	45.3619, -36.3303, 21.7282

Details

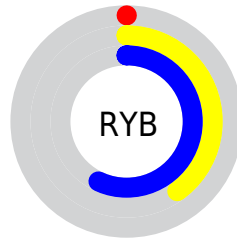
The Android color `4278227260` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4287692885`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4283811950`, and `4278213897` is the 20% darker color. If you saturate the color by 10%, you get `4278227260`, and if you desaturate by 10%, it is `4279144772`.

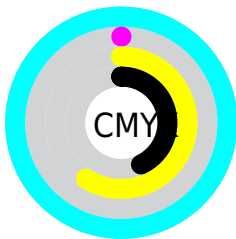
Distribution



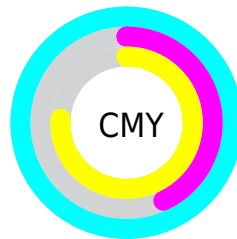
- Red (0%)
- Green (57%)
- Blue (24%)



- Red (0%)
- Yellow (40%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278227260 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 4278227260 by changing the saturation by 10% instead.

 4278227260

 4278227260

4294967295

 4278220580

 4283811950

 4278213897

 4285719944

 4278207488

 4287627171

 4278201856

 4289527742

 4278194176

 4291493850

 4278190080

 4293394423

 4278227260

 4279144772

 4280127821

 4281110870

 4282028382

 4283011430

 4283928943

 4284911991

 4285829504

 4286812553

Harmonies

Analogous

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



4285106176



4278227260



4278228339

Triad

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



4278227260



4278224618



4292561490

Complementary

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



4278227260



4287692885

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.



4292363399



4278227260



4285231839

Square

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



4278227260



4278227414



4290140347



4291060257

Rectangle

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



4278227260



4278228633



4290140347



4292691299

Sweetspot

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



4278227260



4286889372



4283928832



4282146378



4292796126



4284374622

Same Dimension

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



4278227260



4278238542



4278227331



4282402627



4278224696



4278192131

Inverse Universe

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



4287692885



4290576495



4287692815



4282859588



4287037519



4278714372

Previews

White Background



This preview shows how the Android color 4278227260 looks on a white background.

Color Contrast Check

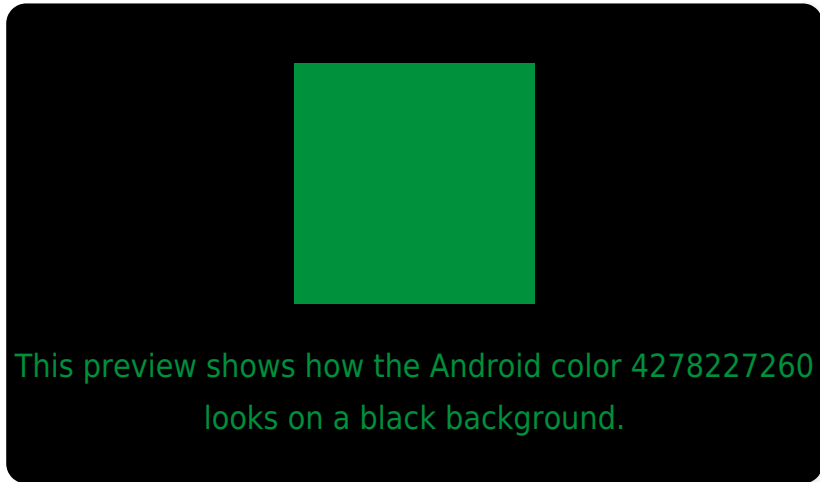
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278227260 Background



This preview shows how black text looks on a background with the Android color 4278227260.



This preview shows how white text looks on a background with the Android color 4278227260.

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
4278227260

Protanopia
4287331638

Deuteranopia
4288182083

Trichromacy



Original Color

4278227260



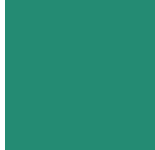
Protanomaly

4283991096



Deuteranomaly

4284579904



Tritanomaly

4280585075

Monochromacy



Original Color

4278227260



Achromatopsia

4284243036



Achromatomaly

4282085200

CSS Examples

Text

The CSS property to change the color of the text to Android 4278227260 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(0, 145, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 60)  
}
```

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(0, 145, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 60) }
```

Border

The CSS property to change the border of an element to Android 4278227260 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(0, 145, 60) }
```

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

```
.border{ border-color:rgb(0, 145, 60) }
```

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

Here you see how a box with a 4 pixel rgb(0, 145, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 145, 60)  
}
```

Background

The CSS property to change the background color of an element to Android 4278227260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 60) }
```

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

```
.background{ background-color: rgb(0, 145,  
60) }
```

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