

Converting Colors

Android(4278214720)

Have a look what the booklet for
Android(4278214720) contains.

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Color

Android(4278214720)

Conversions

Conversions Part 1

Format	Color
Hex	006040
RGB	0, 96, 64
RGB Percent	0%, 38%, 25%
CMY	1.0000, 0.6235, 0.7490
CMYK	1.00, 0.00, 0.33, 0.62
HSL	160°, 100%, 19%
HSV	160°, 100%, 38%
XYZ	5.1083, 8.7359, 6.2675
YIQ	63.6480, -46.9440, -30.3040

Conversions

Conversions Part 2

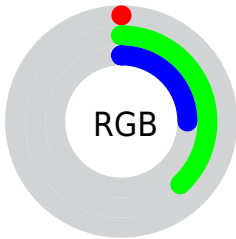
Format	Color
RYB	0, 58, 96
Decimal	24640
CIELab	35.47, -33.17, 11.52
CIELCh	35, 35.111, 160.845
Yxy	8.7359, 0.2540, 0.4344
Android (android.graphics.Color)	4278214720 (0xFF006040)
YUV	63.6480, 0.1735, -55.8193
Hunter-Lab	29.5566, -20.8737, 8.1172

Details

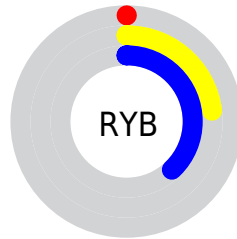
The Android color `4278214720` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4284481568`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4282684272`, and `4278202389` is the 20% darker color. If you saturate the color by 10%, you get `4278214720`, and if you desaturate by 10%, it is `4278870083`.

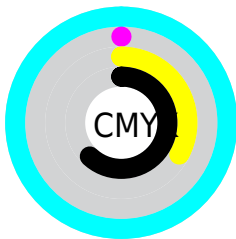
Distribution



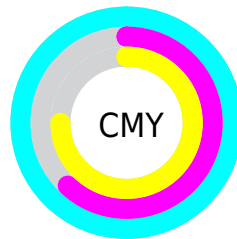
- Red (0%)
- Green (38%)
- Blue (25%)



- Red (0%)
- Yellow (23%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214720 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 4278214720 by changing the saturation by 10% instead.

 4278214720

 4278214720

4294967295

 4278208554

 4282684272

 4278202389

 4284460681


 4278197248

 4286237348

 4278190080

 4288014015

 4289855451

 4291756023

 4293656575

 4278214720

■ 4278870083

■ 4279459910

■ 4280115274

■ 4280705101

■ 4281360464

■ 4282015827

■ 4282605654

■ 4283261018

■ 4283850845

Harmonies

Analogous

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



4282080295



4278214720



4278215005

Triad

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



4278214720



4281553803



4286726448

Complementary

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



4278214720



4284481568

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.



4287052362



4278214720



4284631166

Square

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



4278214720



4278213512



4286397798



4285680413

Rectangle

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



4278214720



4278215023



4286397798



4286922296

Sweetspot

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



4278214720



4283923824



4280311808



4280893496



4290756543



4282400832

Same Dimension

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



4278214720



4278222163



4278210656



4281085999



4278218827



4278251680

Inverse Universe

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



4284481568



4286382122



4284485632



4281347117



4285530149



4293918800

Previews

White Background



This preview shows how the Android color 4278214720 looks on a white background.

Color Contrast Check

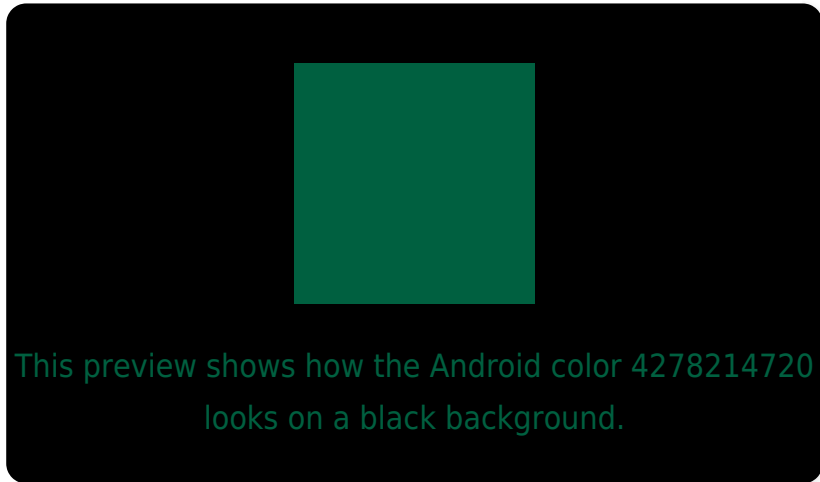
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4278214720 Background



This preview shows how black text looks on a background with the Android color 4278214720.



This preview shows how white text looks on a background with the Android color 4278214720.

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
4278214720

Protanopia
4284109627

Deuteranopia
4284567620

Trichromacy



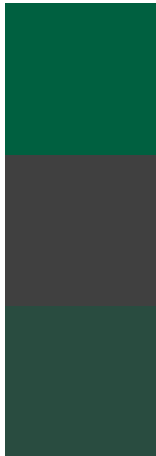
Original Color
4278214720

Protanomaly
4281948221

Deuteranomaly
4282275395

Tritanomaly
4279590230

Monochromacy



Original Color
4278214720

Achromatopsia
4282400832

Achromatomaly
4280896576

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214720 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, 96, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 64)  
}
```

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, 96, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 64) }
```

Border

The CSS property to change the border of an element to Android 4278214720 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, 96, 64) }
```

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

```
.border{ border-color:rgb(0, 96, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 96, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 96, 64); box-shadow:4px  
4px 4px 4px rgb(0, 96, 64) }
```

Background

The CSS property to change the background color of an element to Android 4278214720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 64) }
```

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

```
.background{ background-color: rgb(0, 96,  
64) }
```

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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