

Converting Colors

Android(4278212162)

Have a look what the booklet for
Android(4278212162) contains.

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Color

Android(4278212162)

Conversions

Conversions Part 1

Format	Color
Hex	005642
RGB	0, 86, 66
RGB Percent	0%, 34%, 26%
CMY	1.0000, 0.6627, 0.7412
CMYK	1.00, 0.00, 0.23, 0.66
HSL	166°, 100%, 17%
HSV	166°, 100%, 34%
XYZ	4.3112, 7.0489, 6.2876
YIQ	58.0060, -44.8360, -24.4520

Conversions

Conversions Part 2

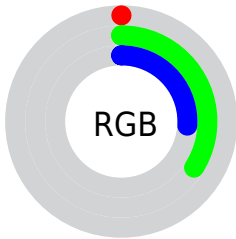
Format	Color
RYB	0, 49, 86
Decimal	22082
CIELab	31.92, -28.23, 5.31
CIELCh	32, 28.724, 169.341
Yxy	7.0489, 0.2443, 0.3994
Android (android.graphics.Color)	4278212162 (0xFF005642)
YUV	58.0060, 3.9410, -50.8713
Hunter-Lab	26.5498, -17.4773, 4.5436

Details

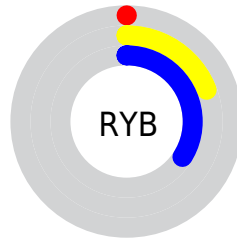
The Android color `4278212162` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4283826196`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4282484850`, and `4278200343` is the 20% darker color. If you saturate the color by 10%, you get `4278212162`, and if you desaturate by 10%, it is `4278801988`.

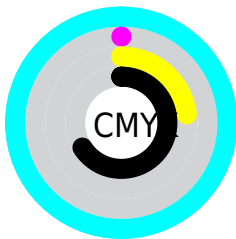
Distribution



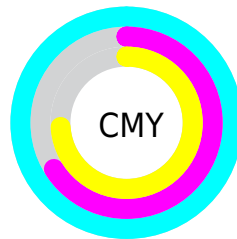
- Red (0%)
- Green (34%)
- Blue (26%)



- Red (0%)
- Yellow (19%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212162 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 4278212162 by changing the saturation by 10% instead.

 4278212162

 4278212162

4294967295

 4278205996

 4282484850

 4278200343

 4284195723

 4278193408

 4285972134

 4278190080

 4287748801

 4289591261

 4291428345

 4293328895

 4278212162

■ 4278801988

■ 4279326278

■ 4279916104

■ 4280440394

■ 4281030220

■ 4281620046

■ 4282144336

■ 4282734162

■ 4283258452

Harmonies

Analogous

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



4281357101



4278212162



4278212185

Triad

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



4278212162



4282402934



4285480746

Complementary

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



4278212162



4283826196

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.



4285872445



4278212162



4284432233

Square

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



4278212162



4278210679



4285610324



4284434206

Rectangle

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



4278212162



4278211943



4285610324



4285676592

Sweetspot

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



4278212162



4283396200



4279522816



4280563763



4290295992



4281874488

Same Dimension

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



4278212162



4278218838



4278206294



4280757034



4278217554



4278250420

Inverse Universe

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



4283826196



4285530138



4283832064



4281018152



4285202457



4293591095

Previews

White Background



This preview shows how the Android color 4278212162 looks on a white background.

Color Contrast Check

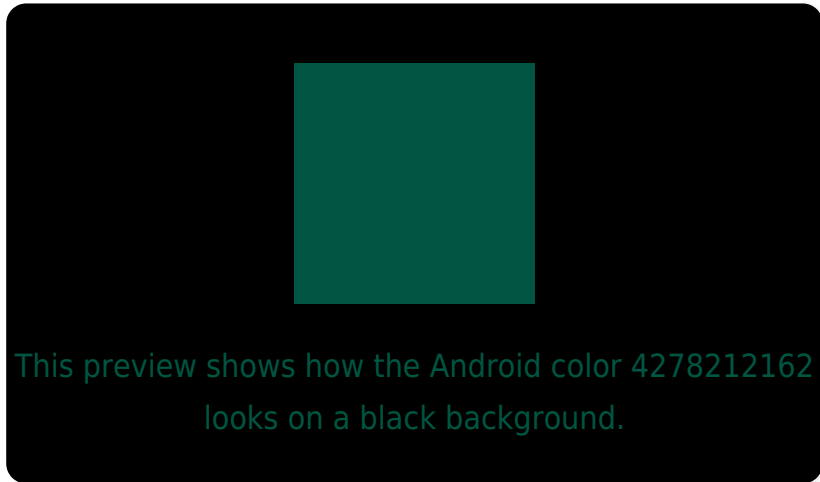
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212162 Background



This preview shows how black text looks on a background with the Android color 4278212162.



This preview shows how white text looks on a background with the Android color 4278212162.

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

[4278212162](#)

Protanopia

[4283452221](#)

Deuteranopia

[4283779397](#)

Trichromacy



Original Color
4278212162

Protanomaly
4281552703

Deuteranomaly
4281749060

Tritanomaly
4279325777

Monochromacy



Original Color
4278212162

Achromatopsia
4282006074

Achromatomaly
4280632381

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212162 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, 86, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 66)  
}
```

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, 86, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 66) }
```

Border

The CSS property to change the border of an element to Android 4278212162 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, 86, 66) }
```

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

```
.border{ border-color:rgb(0, 86, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 86, 66); box-shadow:4px  
4px 4px 4px rgb(0, 86, 66) }
```

Background

The CSS property to change the background color of an element to Android 4278212162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 66) }
```

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

```
.background{ background-color: rgb(0, 86,  
66) }
```

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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