

Converting Colors

Android(4278476104)

Have a look what the booklet for
Android(4278476104) contains.

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Color

Android(4278476104)

Conversions

Conversions Part 1

Format	Color
Hex	045D48
RGB	4, 93, 72
RGB Percent	2%, 36%, 28%
CMY	0.9843, 0.6353, 0.7176
CMYK	0.96, 0.00, 0.23, 0.64
HSL	166°, 92%, 19%
HSV	166°, 96%, 36%
XYZ	5.1341, 8.3224, 7.4667
YIQ	63.9950, -46.3030, -25.3990

Conversions

Conversions Part 2

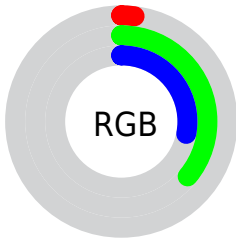
Format	Color
RYB	4, 54, 93
Decimal	286024
CIELab	34.65, -29.29, 5.46
CIELCh	35, 29.796, 169.447
Yxy	8.3224, 0.2454, 0.3978
Android (android.graphics.Color)	4278476104 (0xFF045D48)
YUV	63.9950, 3.9465, -52.6156
Hunter-Lab	28.8486, -18.7177, 4.8484

Details

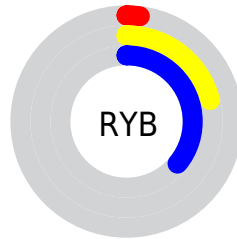
The Android color **4278476104** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284285977**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4282749048**, and **4278201885** is the 20% darker color. If you saturate the color by 10%, you get **4278213959**, and if you desaturate by 10%, it is **4279065930**.

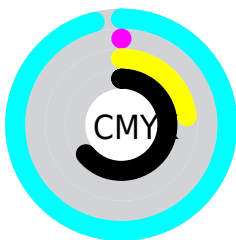
Distribution



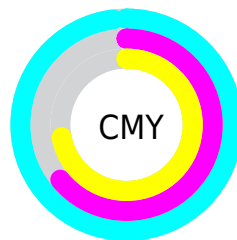
- Red (2%)
- Green (36%)
- Blue (28%)



- Red (2%)
- Yellow (21%)
- Blue (36%)



- Cyan (96%)
- Magenta (0%)
- Yellow (23%)
- Black (64%)



- Cyan (98%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278476104 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 4278476104 by changing the saturation by 10% instead.

 4278476104

 4278476104

4294967295

 4278207794

 4282749048

 4278201885

 4284525458


 4278196483

 4286301869

 4278190080

 4288078536

 4289920996

 4291756031

 4293656575

 4278476104

 4278476104

■ 4278213959

■ 4279065930

■ 4279721292

■ 4280311119

■ 4280900945

■ 4281490771

■ 4282146133

■ 4282735959

■ 4283325786

■ 4283981148

Harmonies

Analogous

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



4281686578



4278476104



4278213984

Triad

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



4278476104



4282797950



4286006574

Complementary

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



4278476104



4284285977

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.



4286463555



4278476104



4284958065

Square

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



4278476104



4278670976



4286135899



4284960034

Rectangle

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



4278476104



4278213743



4286135899



4286267957

Sweetspot

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



4278476104



4283791472



4279917828



4280827192



4290624957



4282203453

Same Dimension

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



4278476104



4278220892



4278470493



4280888877



4278218324



4278250933

Inverse Universe

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



4284285977



4286054428



4284291588



4281215274



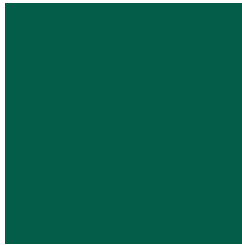
4285399066



4293722168

Previews

White Background



This preview shows how the Android color 4278476104 looks on a white background.

Color Contrast Check

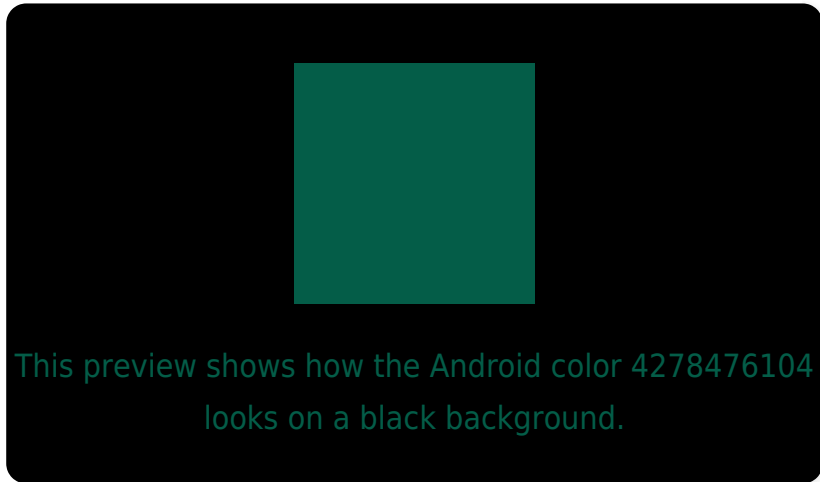
Large Text (above 18pt) WCAG AA ✓ Pass

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

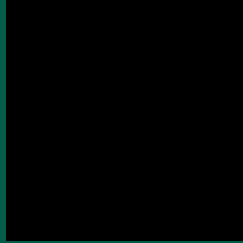
Any Text WCAG AA × Fail

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 4278476104 Background



This preview shows how black text looks on a background with the Android color 4278476104.



This preview shows how white text looks on a background with the Android color 4278476104.

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

4278476104

Protanopia

4283846978

Deuteranopia

4284239691

Trichromacy



Original Color
4278476104

Protanomaly
4281881924

Deuteranomaly
4282143818

Tritanomaly
4279524184

Monochromacy



Original Color
4278476104

Achromatopsia
4282400832

Achromatomaly
4280961859

CSS Examples

Text

The CSS property to change the color of the text to Android 4278476104 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(4, 93, 72)` looks like.

```
.text, #text, p{  
    color:rgb(4, 93, 72)  
}
```

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(4, 93, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 93, 72) }
```

Border

The CSS property to change the border of an element to Android 4278476104 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(4, 93, 72) }
```

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

```
.border{ border-color:rgb(4, 93, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 93, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 93, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 93, 72); box-shadow:4px  
4px 4px 4px rgb(4, 93, 72) }
```

Background

The CSS property to change the background color of an element to Android 4278476104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 93, 72) }
```

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

```
.background{ background-color: rgb(4, 93,  
72) }
```

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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