

Converting Colors

Android(4278213166)

Have a look what the booklet for
Android(4278213166) contains.

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Color

Android(4278213166)

Conversions

Conversions Part 1

Format	Color
Hex	005A2E
RGB	0, 90, 46
RGB Percent	0%, 35%, 18%
CMY	1.0000, 0.6471, 0.8196
CMYK	1.00, 0.00, 0.49, 0.65
HSL	151°, 100%, 18%
HSV	151°, 100%, 35%
XYZ	4.1493, 7.5096, 3.8156
YIQ	58.0740, -39.5160, -32.7640

Conversions

Conversions Part 2

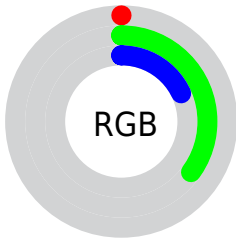
Format	Color
RYB	0, 60, 90
Decimal	23086
CIELab	32.94, -34.89, 18.93
CIELCh	33, 39.697, 151.518
Yxy	7.5096, 0.2681, 0.4853
Android (android.graphics.Color)	4278213166 (0xFF005A2E)
YUV	58.0740, -5.9525, -50.9309
Hunter-Lab	27.4036, -20.9288, 10.9272

Details

The Android color **4278213166** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284088364**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4282551645**, and **4278201088** is the 20% darker color. If you saturate the color by 10%, you get **4278213166**, and if you desaturate by 10%, it is **4278802994**.

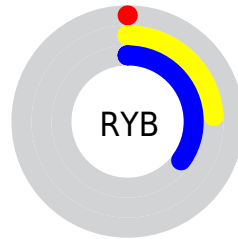
Distribution



Red (0%)

Green (35%)

Blue (18%)



Red (0%)

Yellow (24%)

Blue (35%)

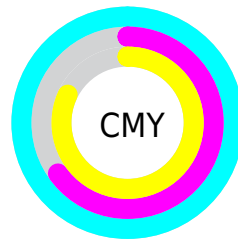


Cyan (100%)

Magenta (0%)

Yellow (49%)

Black (65%)



Cyan (100%)

Magenta (65%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278213166 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 4278213166 by changing the saturation by 10% instead.

 4278213166

 4278213166

4294967295

 4278207000

 4282551645

 4278201088

 4284262517

 4278194688

 4286038927

 4278190080

 4287815594

 4289658053

 4291493857

 4293394430

 4278213166

■ 4278802994

■ 4279392823

■ 4279982651

■ 4280572480

■ 4281162308

■ 4281752136

■ 4282341965

■ 4282931793

■ 4283521622

Harmonies

Analogous

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



4282144018



4278213166



4278213710

Triad

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



4278213166



4278210956



4286788655

Complementary

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



4278213166



4284088364

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.



4286918477



4278213166



4283384963

Square

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



4278213166



4278212740



4285806444



4285808661

Rectangle

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



4278213166



4278213732



4285806444



4286984504

Sweetspot

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



4278213166



4283594084



4281162240



4280695600



4290427578



4282071867

Same Dimension

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



4278213166



4278220092



4278213210



4280888876



4278218296



4278250873

Inverse Universe

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



4284088364



4285857849



4284088320



4281215276



4285399094



4293722228

Previews

White Background



This preview shows how the Android color 4278213166 looks on a white background.

Color Contrast Check

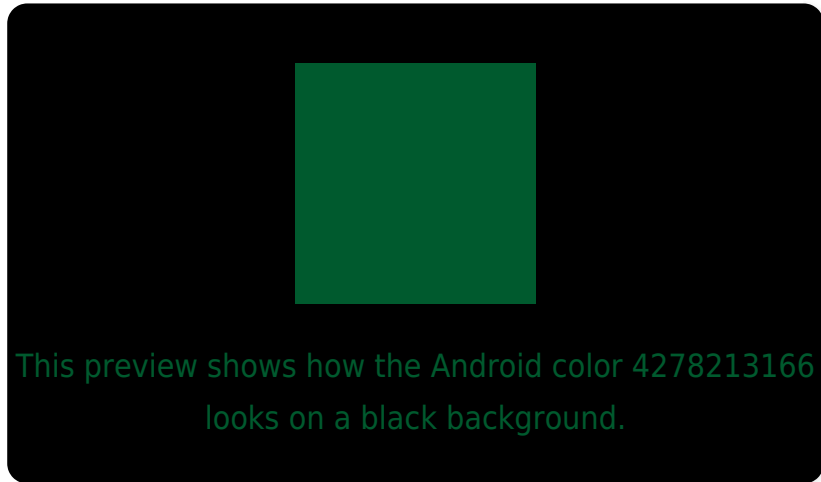
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213166 Background



This preview shows how black text looks on a background with the Android color 4278213166.



This preview shows how white text looks on a background with the Android color 4278213166.

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

4278213166

Protanopia

4283846186

Deuteranopia

4284303922

Trichromacy



Original Color
4278213166

Protanomaly
4281815595

Deuteranomaly
4282077233

Tritanomaly
4279654219

Monochromacy



Original Color
4278213166

Achromatopsia
4282006074

Achromatomaly
4280632886

CSS Examples

Text

The CSS property to change the color of the text to Android 4278213166 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, 90, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 46)  
}
```

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, 90, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 46) }
```

Border

The CSS property to change the border of an element to Android 4278213166 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, 90, 46) }
```

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

```
.border{ border-color:rgb(0, 90, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 90, 46); box-shadow:4px  
4px 4px 4px rgb(0, 90, 46) }
```

Background

The CSS property to change the background color of an element to Android 4278213166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 46) }
```

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

```
.background{ background-color: rgb(0, 90,  
46) }
```

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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