

Converting Colors

Android(4280964612)

Have a look what the booklet for
Android(4280964612) contains.

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Color

Android(4280964612)

Conversions

Conversions Part 1

Format	Color
Hex	2A5604
RGB	42, 86, 4
RGB Percent	16%, 34%, 2%
CMY	0.8353, 0.6627, 0.9843
CMYK	0.51, 0.00, 0.95, 0.66
HSL	92°, 91%, 18%
HSV	92°, 95%, 34%
XYZ	4.3045, 7.1566, 1.2693
YIQ	63.4960, 0.0980, -34.8300

Conversions

Conversions Part 2

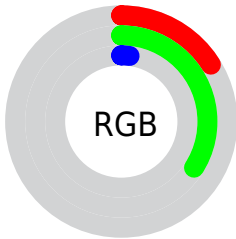
Format	Color
R_{YB}	4, 86, 48
Decimal	2774532
CIE _{Lab}	32.16, -29.37, 37.69
CIE _{LCh}	32, 47.777, 127.926
Yxy	7.1566, 0.3381, 0.5622
Android (android.graphics.Color)	4280964612 (0xFF2A5604)
YUV	63.4960, -29.3315, -18.8520
Hunter-Lab	26.7518, -18.0938, 15.9130

Details

The Android color `4280964612` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4281336918`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4284319800`, and `4278200320` is the 20% darker color. If you saturate the color by 10%, you get `4280833536`, and if you desaturate by 10%, it is `4281292301`.

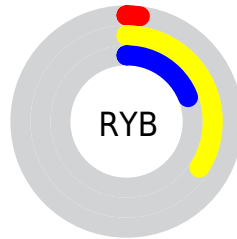
Distribution



Red (16%)

Green (34%)

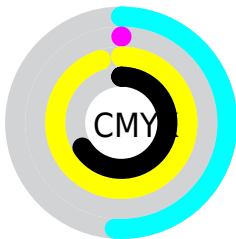
Blue (2%)



Red (2%)

Yellow (34%)

Blue (19%)

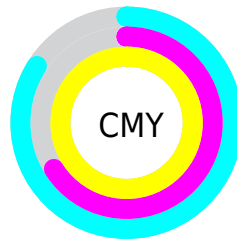


Cyan (51%)

Magenta (0%)

Yellow (95%)

Black (66%)



Cyan (84%)

Magenta (66%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280964612 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 4280964612 by changing the saturation by 10% instead.



4280964612



4280964612



4294967283



4279385600



4284319800



4278200320



4286030673



4278193664



4287807082



4278190080



4289583748



4291425950



4293328826



4294967254



4280964612



4280964612

■ 4280833536

■ 4281292301

■ 4281554453

■ 4281882142

■ 4282144294

■ 4282471983

■ 4282799672

■ 4283061824

■ 4283389513

■ 4283717201

Harmonies

Analogous

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



4283649280



4280964612



4278213422

Triad

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



4280964612



4278212497



4287438915

Complementary

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



4280964612



4281336918

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.



4286523753



4280964612



4278209943

Square

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



4280964612



4278213753



4283972999



4287048991

Rectangle

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



4280964612



4278213704



4283972999



4287308112

Sweetspot

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



4280964612



4284444752



4283838468



4281219108



4290295992



4281874488

Same Dimension

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



4280964612



4281626624



4278474247



4280888103



4281494272



4285393664

Inverse Universe

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



4281336918



4282122352



4283827283



4280887083



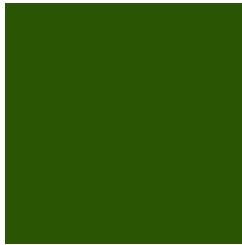
4281925739



4286447851

Previews

White Background



This preview shows how the Android color 4280964612 looks on a white background.

Color Contrast Check

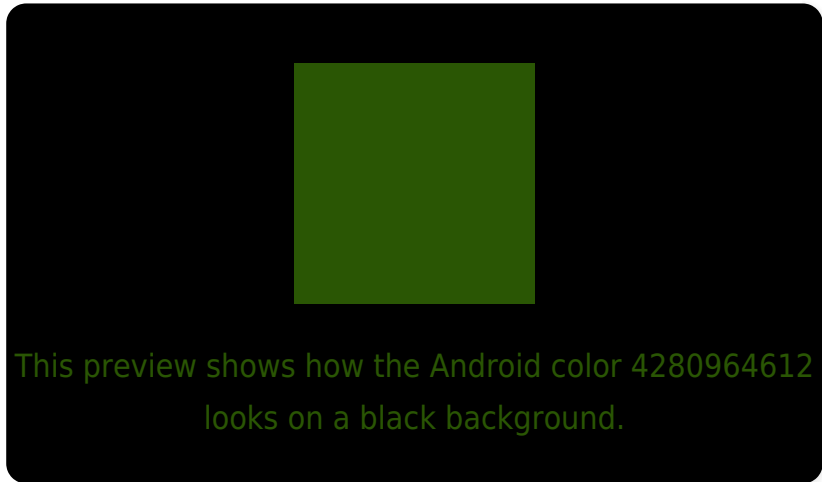
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280964612 Background



This preview shows how black text looks on a background with the Android color 4280964612.



This preview shows how white text looks on a background with the Android color 4280964612.

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
4280964612

Protanopia
4283780096

Deuteranopia
4284434450

Trichromacy



Original Color
4280964612

Protanomaly
4282732545

Deuteranomaly
4283190541

Tritanomaly
4281487928

Monochromacy



Original Color
4280964612

Achromatopsia
4282335039

Achromatomaly
4281812778

CSS Examples

Text

The CSS property to change the color of the text to Android 4280964612 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(42, 86, 4)` looks like.

```
.text, #text, p{  
    color:rgb(42, 86, 4)  
}
```

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(42, 86, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 86, 4) }
```

Border

The CSS property to change the border of an element to Android 4280964612 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(42, 86, 4) }
```

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

```
.border{ border-color:rgb(42, 86, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 86, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 86, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 86, 4); box-shadow:4px  
4px 4px 4px rgb(42, 86, 4) }
```

Background

The CSS property to change the background color of an element to Android 4280964612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 86, 4) }
```

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

```
.background{ background-color: rgb(42, 86,  
4) }
```

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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