

Converting Colors

Android(4282612000)

Have a look what the booklet for
Android(4282612000) contains.

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Color

Android(4282612000)

Conversions

Conversions Part 1

Format	Color
Hex	437920
RGB	67, 121, 32
RGB Percent	26%, 47%, 13%
CMY	0.7373, 0.5255, 0.8745
CMYK	0.45, 0.00, 0.74, 0.53
HSL	96°, 58%, 30%
HSV	96°, 74%, 47%
XYZ	9.4128, 14.9723, 3.7603
YIQ	94.7080, -3.6150, -39.1270

Conversions

Conversions Part 2

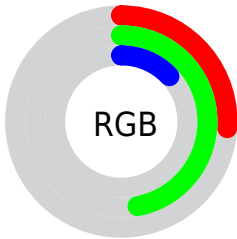
Format	Color
R_{YB}	32, 121, 86
Decimal	4421920
CIE _{Lab}	45.60, -34.17, 41.07
CIE _{LCh}	46, 53.427, 129.762
Yxy	14.9723, 0.3344, 0.5320
Android (android.graphics.Color)	4282612000 (0xFF437920)
YUV	94.7080, -30.9150, -24.2999
Hunter-Lab	38.6941, -24.2923, 21.3240

Details

The Android color `4282612000` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4283834489`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4286099026`, and `4278929408` is the 20% darker color. If you saturate the color by 10%, you get `4282153236`, and if you desaturate by 10%, it is `4283070764`.

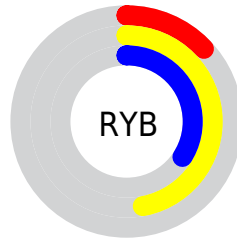
Distribution



Red (26%)

Green (47%)

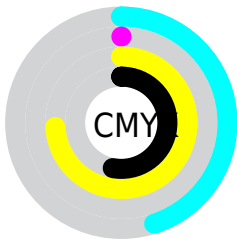
Blue (13%)



Red (13%)

Yellow (47%)

Blue (34%)

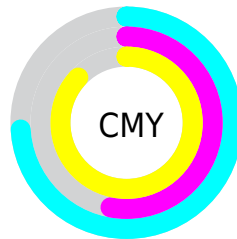


Cyan (45%)

Magenta (0%)

Yellow (74%)

Black (53%)



Cyan (74%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282612000 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 4282612000 by changing the saturation by 10% instead.



4282612000



4282612000

4294967295



4280836098



4286099026



4278929408



4287875436



4278202368



4289652358



4278197248



4291559329



4278190080



4293394364



4294967256



4294967285



4282612000



4282612000

■ 4282153236

■ 4283070764

■ 4281628936

■ 4283595064

■ 4281366784

■ 4284053828

■ 4284512592

■ 4285036892

■ 4285495657

■ 4285954421

■ 4286478721

■ 4286937485

Harmonies

Analogous

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



4285820672



4282612000



4278222667

Triad

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



4282612000



4278221248



4290526815

Complementary

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



4282612000



4283834489

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.



4289480076



4282612000



4279659716

Square

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



4282612000



4278222756



4286601649



4290005813

Rectangle

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



4282612000



4278222954



4286601649



4290330222

Sweetspot

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



4282612000



4287209083



4286141728



4282601274



4291809231



4283387727

Same Dimension

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



4282612000



4283080211



4280318249



4281941303



4281433344



4284742656

Inverse Universe

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



4283834489



4284945310



4286128240



4282070845



4283170941



4288217340

Previews

White Background



This preview shows how the Android color 4282612000 looks on a white background.

Color Contrast Check

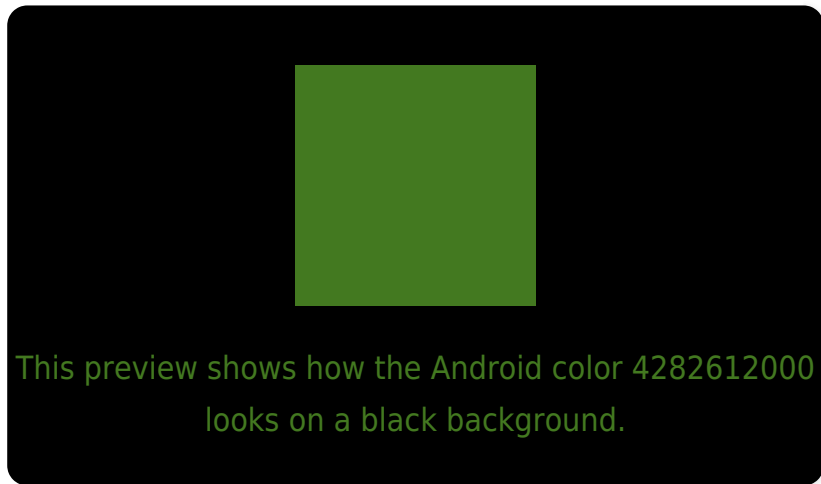
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4282612000 Background



This preview shows how black text looks on a background with the Android color 4282612000.



This preview shows how white text looks on a background with the Android color 4282612000.

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
4282612000

Protanopia
4286147613

Deuteranopia
4286998055

Trichromacy



Original Color
4282612000

Protanomaly
4284838174

Deuteranomaly
4285426980

Tritanomaly
4283200601

Monochromacy



Original Color
4282612000

Achromatopsia
4284440415

Achromatomaly
4283787336

CSS Examples

Text

The CSS property to change the color of the text to Android 4282612000 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(67, 121, 32)` looks like.

```
.text, #text, p{  
    color:rgb(67, 121, 32)  
}
```

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(67, 121, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 121, 32) }
```

Border

The CSS property to change the border of an element to Android 4282612000 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(67, 121, 32) }
```

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

```
.border{ border-color:rgb(67, 121, 32) }
```

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

Here you see how a box with a 4 pixel rgb(67, 121, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 121, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 121, 32);  
box-shadow:4px 4px 4px 4px rgb(67, 121,  
32) }
```

Background

The CSS property to change the background color of an element to Android 4282612000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 121, 32) }
```

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

```
.background{ background-color: rgb(67, 121,  
32) }
```

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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