

Converting Colors

Android(4282822666)

Have a look what the booklet for
Android(4282822666) contains.

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Color

Android(4282822666)

Conversions

Conversions Part 1

Format	Color
Hex	46B00A
RGB	70, 176, 10
RGB Percent	27%, 69%, 4%
CMY	0.7255, 0.3098, 0.9608
CMYK	0.60, 0.00, 0.94, 0.31
HSL	98°, 89%, 36%
HSV	98°, 94%, 69%
XYZ	18.1059, 32.3747, 5.5818
YIQ	125.3820, -9.8900, -74.0980

Conversions

Conversions Part 2

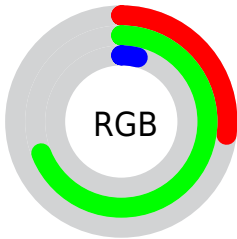
Format	Color
RYB	10, 176, 116
Decimal	4632586
CIELab	63.65, -55.63, 63.03
CIELCh	64, 84.071, 131.430
Yxy	32.3747, 0.3230, 0.5775
Android (android.graphics.Color)	4282822666 (0xFF46B00A)
YUV	125.3820, -56.8833, -48.5700
Hunter-Lab	56.8987, -42.7718, 34.0127

Details

The Android color `4282822666` is a dark color, and the websafe version is hex `66CC33`. A complement of this color would be `4285794992`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4286835023`, and `4278221312` is the 20% darker color. If you saturate the color by 10%, you get `4282429440`, and if you desaturate by 10%, it is `4283543580`.

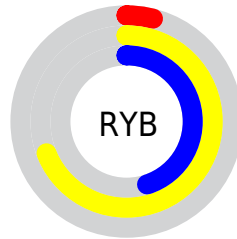
Distribution



Red (27%)

Green (69%)

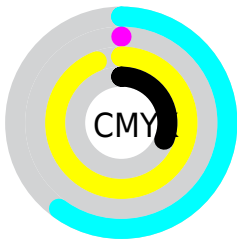
Blue (4%)



Red (4%)

Yellow (69%)

Blue (45%)

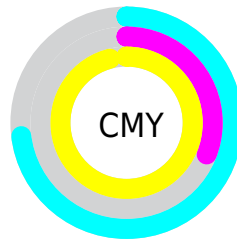


Cyan (60%)

Magenta (0%)

Yellow (94%)

Black (31%)



Cyan (73%)

Magenta (31%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282822666 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 4282822666 by changing the saturation by 10% instead.



4282822666



4282822666

4294967295



4280390912



4286835023



4278221312



4288741227



4278214656



4290707335



4278208256



4292673443



4278202624



4294639551



4278195456



4294967260



4278190080



4294967289



4282822666



4282822666

■ 4282429440

■ 4283543580

■ 4284264493

■ 4285050943

■ 4285771856

■ 4286492770

■ 4287213684

■ 4288000133

■ 4288721047

■ 4289441960

Harmonies

Analogous

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



4288716800



4282822666



4278237287

Triad

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



4282822666



4278235135



4294917761

Complementary

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



4282822666



4285794992

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.



4294921676



4282822666



4278229759

Square

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



4282822666



4278237692



4290738175



4294926393

Rectangle

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



4282822666



4278238108



4290738175



4294917530

Sweetspot

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



4282822666



4290569893



4289753866



4284117836



4294111986



4285756275

Same Dimension

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



4282822666



4283688448



4278890528



4283717968



4281833728



4278786560

Inverse Universe

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



4285794992



4287824102



4289727130



4283846745



4284612761



4279238682

Previews

White Background



This preview shows how the Android color 4282822666 looks on a white background.

Color Contrast Check

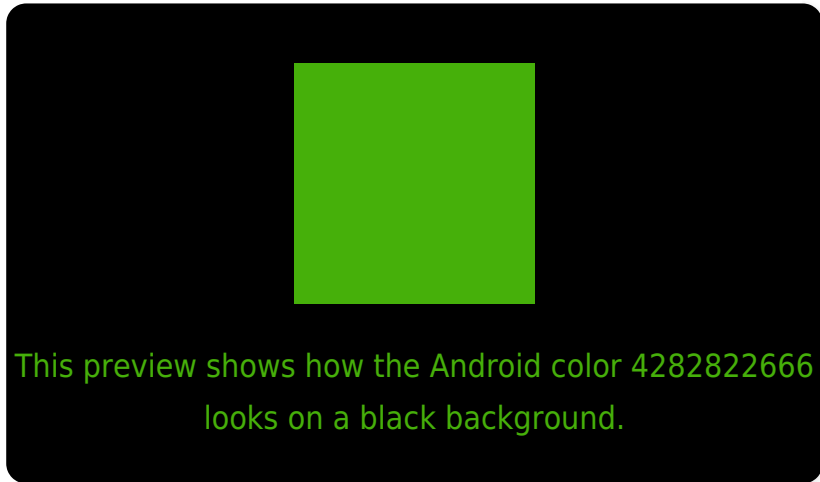
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282822666 Background



This preview shows how black text looks on a background with the Android color 4282822666.



This preview shows how white text looks on a background with the Android color 4282822666.

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
4282822666

Protanopia
4289566976

Deuteranopia
4290875686

Trichromacy



Original Color

4282822666



Protanomaly

4287144196



Deuteranomaly

4287929372



Tritanomaly

4284000372

Monochromacy



Original Color

4282822666



Achromatopsia

4286414205



Achromatomaly

4285108307

CSS Examples

Text

The CSS property to change the color of the text to Android 4282822666 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(70, 176, 10)` looks like.

```
.text, #text, p{  
    color:rgb(70, 176, 10)  
}
```

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(70, 176, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 176, 10) }
```

Border

The CSS property to change the border of an element to Android 4282822666 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(70, 176, 10) }
```

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

```
.border{ border-color:rgb(70, 176, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 176, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 176, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 176, 10);  
box-shadow:4px 4px 4px 4px rgb(70, 176,  
10) }
```

Background

The CSS property to change the background color of an element to Android 4282822666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 176, 10) }
```

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

```
.background{ background-color: rgb(70, 176,  
10) }
```

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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