

# Converting Colors

Android(4282286892)

Have a look what the booklet for  
Android(4282286892) contains.

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# Color

**Android(4282286892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E832C
RGB	62, 131, 44
RGB Percent	24%, 51%, 17%
CMY	0.7569, 0.4863, 0.8275
CMYK	0.53, 0.00, 0.66, 0.49
HSL	108°, 50%, 34%
HSV	108°, 66%, 51%
XYZ	10.5575, 17.4386, 5.1924
YIQ	100.4510, -13.1970, -41.6850

# Conversions

## Conversions Part 2

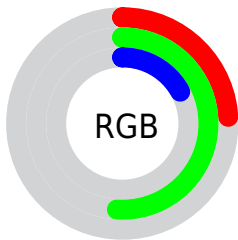
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 131, 113
Decimal	4096812
CIELab	48.81, -38.99, 39.21
CIElCh	49, 55.300, 134.841
Yxy	17.4386, 0.3181, 0.5254
Android (android.graphics.Color)	4282286892 (0xFF3E832C)
YUV	100.4510, -27.8303, -33.7215
Hunter-Lab	41.7595, -27.9513, 21.8595

# Details

The Android color `4282286892` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4285607043`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4285839710`, and `4278210816` is the 20% darker color. If you saturate the color by 10%, you get `4281631519`, and if you desaturate by 10%, it is `4282942265`.

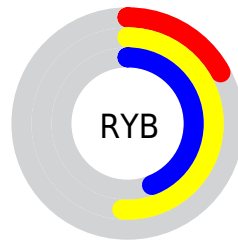
# Distribution



Red (24%)

Green (51%)

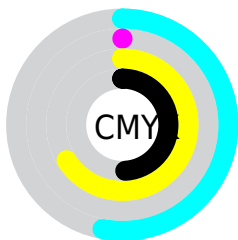
Blue (17%)



Red (17%)

Yellow (51%)

Blue (44%)

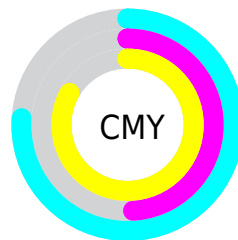


Cyan (53%)

Magenta (0%)

Yellow (66%)

Black (49%)



Cyan (76%)

Magenta (49%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282286892 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 4282286892 by changing the saturation by 10% instead.





4282286892



4282286892

4294967295



4280379666



4285839710



4278210816



4287616375



4278204672



4289458578



4278199552



4291297197



4278190080



4293197769



4294967269



4282286892



4282286892



4281631519



4282942265

■ 4280910610

■ 4283663174

■ 4280255237

■ 4284318547

■ 4279993088

■ 4285039456

■ 4285694830

■ 4286350203

■ 4287071112

■ 4287726485

■ 4288447394

# Harmonies

## Analogous

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



4285888771



4282286892



4278224986

# Triad

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



4282286892



4278223054



4291315295

# Complementary

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



4282286892



4285607043

# 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.



4290529678



4282286892



4282347983

# Square

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



4282286892



4278225077



4287847863



4290532659

# Rectangle

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



4282286892



4278225530



4287847863



4291249262



# Sweetspot

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



4282286892



4287671177



4286804012



4282799938



4292269782



4283914071



# Same Dimension

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



4282286892



4282297122



4281107269



4282204732



4279992832



4278256384



# Inverse Universe

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



4285607043



4287570603



4286786666



4282465346



4284940418



4278321155



# Previews

## White Background



This preview shows how the Android color 4282286892 looks on a white background.

## Color Contrast Check

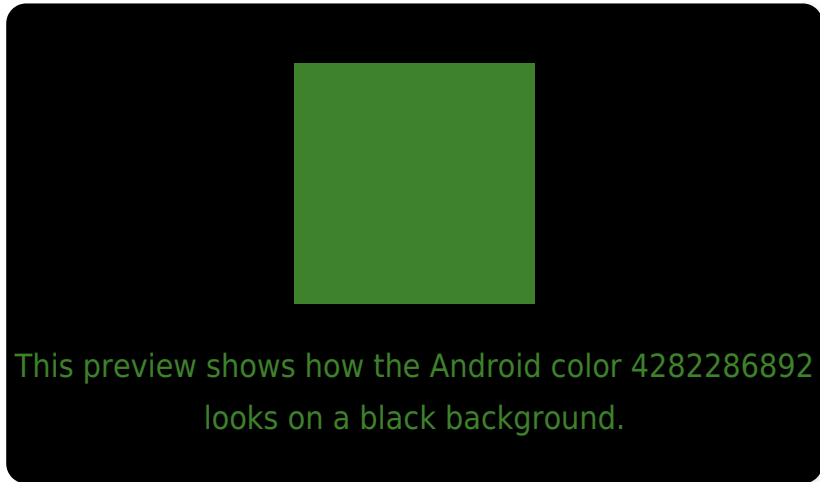
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282286892 Background



This preview shows how black text looks on a background with the Android color 4282286892.



This preview shows how white text looks on a background with the Android color 4282286892.

# 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**

4282286892

**Protanopia**

4286673960

**Deuteranopia**

4287589939



# Trichromacy



**Original Color**  
4282286892

**Protanomaly**  
4285102377

**Deuteranomaly**  
4285691440

**Tritanomaly**  
4283006308

# Monochromacy



**Original Color**  
4282286892

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283854672

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282286892 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(62, 131, 44)` looks like.

```
.text, #text, p{  
    color:rgb(62, 131, 44)  
}
```

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(62, 131, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 131, 44) }
```

## Border

The CSS property to change the border of an element to Android 4282286892 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(62, 131, 44) }
```

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

```
.border{ border-color:rgb(62, 131, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 131, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 131, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 131, 44);  
box-shadow:4px 4px 4px 4px rgb(62, 131,  
44) }
```

# Background

The CSS property to change the background color of an element to Android 4282286892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 131, 44) }
```

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

```
.background{ background-color: rgb(62, 131,  
44) }
```

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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