

# Converting Colors

Android(4282090285)

Have a look what the booklet for  
Android(4282090285) contains.

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# Color

**Android(4282090285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B832D
RGB	59, 131, 45
RGB Percent	23%, 51%, 18%
CMY	0.7686, 0.4863, 0.8235
CMYK	0.55, 0.00, 0.66, 0.49
HSL	110°, 49%, 35%
HSV	110°, 66%, 51%
XYZ	10.3936, 17.3519, 5.2841
YIQ	99.6680, -15.3060, -42.0100

# Conversions

## Conversions Part 2

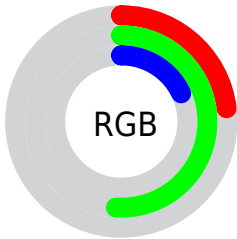
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 131, 117
Decimal	3900205
CIE <sub>Lab</sub>	48.70, -39.78, 38.60
CIE <sub>LCh</sub>	49, 55.431, 135.863
Yxy	17.3519, 0.3147, 0.5253
Android (android.graphics.Color)	4282090285 (0xFF3B832D)
YUV	99.6680, -26.9513, -35.6658
Hunter-Lab	41.6556, -28.3593, 21.6379

# Details

The Android color `4282090285` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285869443`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285643103`, and `4278210816` is the 20% darker color. If you saturate the color by 10%, you get `4281369376`, and if you desaturate by 10%, it is `4282811194`.

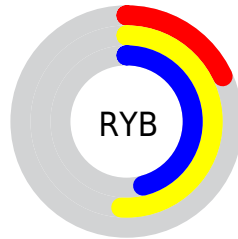
# Distribution



Red (23%)

Green (51%)

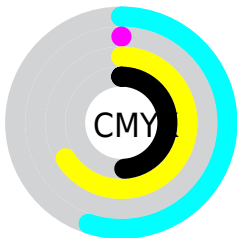
Blue (18%)



Red (18%)

Yellow (51%)

Blue (46%)

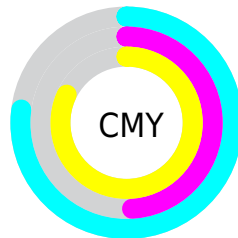


Cyan (55%)

Magenta (0%)

Yellow (66%)

Black (49%)



Cyan (77%)

Magenta (49%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282090285 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 4282090285 by changing the saturation by 10% instead.





4282090285



4282090285

4294967295



4280117523



4285643103



4278210816



4287419768



4278204672



4289261971



4278199552



4291166126



4278190080



4293001162



4294967270



4282090285



4282090285



4281369376



4282811194

■ 4280648467

■ 4283532103

■ 4279927558

■ 4284253012

■ 4279599872

■ 4284973921

■ 4285694831

■ 4286415740

■ 4287136649

■ 4287857558

■ 4288578467

# Harmonies

## Analogous

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



4285757699



4282090285



4278224987

# Triad

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



4282090285



4278222799



4291315293

# Complementary

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



4282090285



4285869443

# 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.



4290594956



4282090285



4282609870

# Square

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



4282090285



4278224822



4287978678



4290467122

# Rectangle

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



4282090285



4278225276



4287978678



4291249260



# Sweetspot

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



4282090285



4287540105



4286805293



4282734402



4292269782



4283914071



# Same Dimension

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



4282090285



4282034980



4281172810



4282204732



4279599616



4278190848



# Inverse Universe

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



4285869443



4287964331



4286786918



4282465346



4285333634



4278321155



# Previews

## White Background



This preview shows how the Android color 4282090285 looks on a white background.

## Color Contrast Check

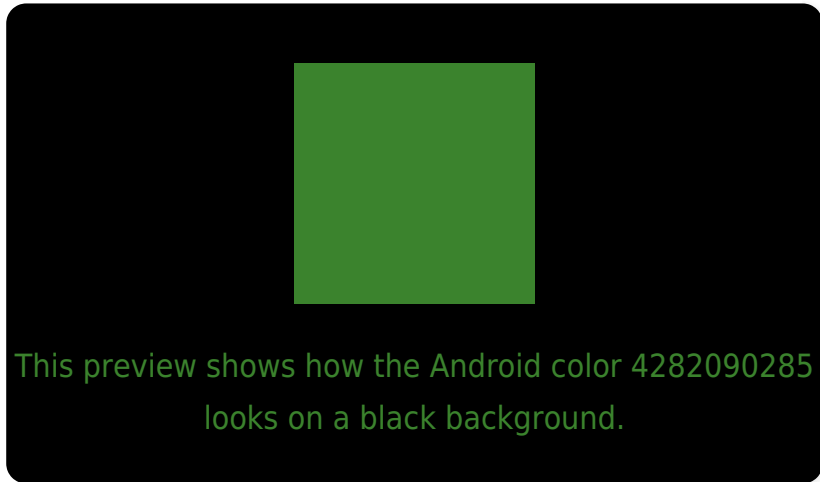
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282090285 Background



This preview shows how black text looks on a background with the Android color 4282090285.



This preview shows how white text looks on a background with the Android color 4282090285.

# 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**

4282090285

**Protanopia**

4286673705

**Deuteranopia**

4287524148



# Trichromacy



**Original Color**  
4282090285

**Protanomaly**  
4285036842

**Deuteranomaly**  
4285560113

**Tritanomaly**  
4282809956

# Monochromacy



**Original Color**  
4282090285

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283789136

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282090285 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(59, 131, 45)` looks like.

```
.text, #text, p{  
    color:rgb(59, 131, 45)  
}
```

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(59, 131, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 131, 45) }
```

## Border

The CSS property to change the border of an element to Android 4282090285 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(59, 131, 45) }
```

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

```
.border{ border-color:rgb(59, 131, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 131, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 131, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 131, 45);  
box-shadow:4px 4px 4px 4px rgb(59, 131,  
45) }
```

# Background

The CSS property to change the background color of an element to Android 4282090285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 131, 45) }
```

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

```
.background{ background-color: rgb(59, 131,  
45) }
```

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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