

# Converting Colors

Android(4282013965)

Have a look what the booklet for  
Android(4282013965) contains.

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# Color

**Android(4282013965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A590D
RGB	58, 89, 13
RGB Percent	23%, 35%, 5%
CMY	0.7725, 0.6510, 0.9490
CMYK	0.35, 0.00, 0.85, 0.65
HSL	84°, 75%, 20%
HSV	84°, 85%, 35%
XYZ	5.3899, 8.0734, 1.6550
YIQ	71.0670, 5.9200, -30.2080

# Conversions

## Conversions Part 2

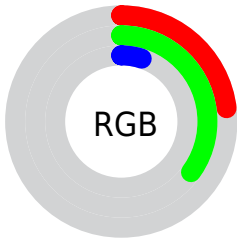
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 89, 44
Decimal	3823885
CIE Lab	34.14, -24.00, 36.90
CIE LCh	34, 44.018, 123.046
Yxy	8.0734, 0.3565, 0.5340
Android (android.graphics.Color)	4282013965 (0xFF3A590D)
YUV	71.0670, -28.6270, -11.4598
Hunter-Lab	28.4137, -15.8632, 16.4361

# Details

The Android color **4282013965** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4281077081**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4285303615**, and **4278725376** is the 20% darker color. If you saturate the color by 10%, you get **4281751812**, and if you desaturate by 10%, it is **4282276118**.

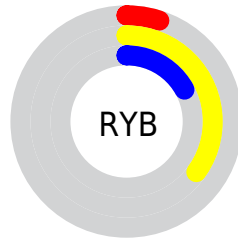
# Distribution



Red (23%)

Green (35%)

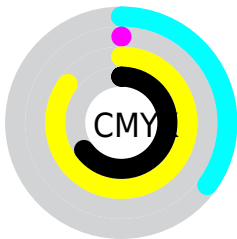
Blue (5%)



Red (5%)

Yellow (35%)

Blue (17%)

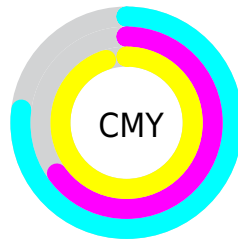


Cyan (35%)

Magenta (0%)

Yellow (85%)

Black (65%)



Cyan (77%)

Magenta (65%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282013965 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 4282013965 by changing the saturation by 10% instead.





4282013965



4282013965



4294967290



4280434944



4285303615



4278725376



4287080023



4278195968



4288856433



4278190080



4290633099



4292540838



4294377409



4294967261



4282013965



4282013965

■ 4281751812

■ 4282276118

■ 4281686272

■ 4282472735

■ 4282734888

■ 4282997041

■ 4283193657

■ 4283455810

■ 4283652427

■ 4283914580

■ 4284176733

# Harmonies

## Analogous

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



4284370944



4282013965



4278214191

# Triad

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



4282013965



4278213774



4287507534

# Complementary

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



4282013965



4281077081

# 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.



4286395761



4282013965



4278211478

# Square

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



4282013965



4278214774



4283712907



4287312684

# Rectangle

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



4282013965



4278214727



4283712907



4287245658



# Sweetspot

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



4282013965



4284969813



4284033805



4281547560



4290427578



4282071867



# Same Dimension

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



4282013965



4282675968



4279589133



4280953639



4282346240



4287359744



# Inverse Universe

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



4281077081



4281270387



4283501913



4280887083



4281073771

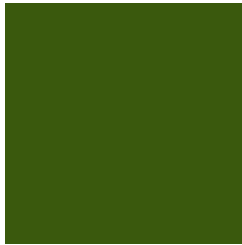


4284481771



# Previews

## White Background



This preview shows how the Android color 4282013965 looks on a white background.

## Color Contrast Check

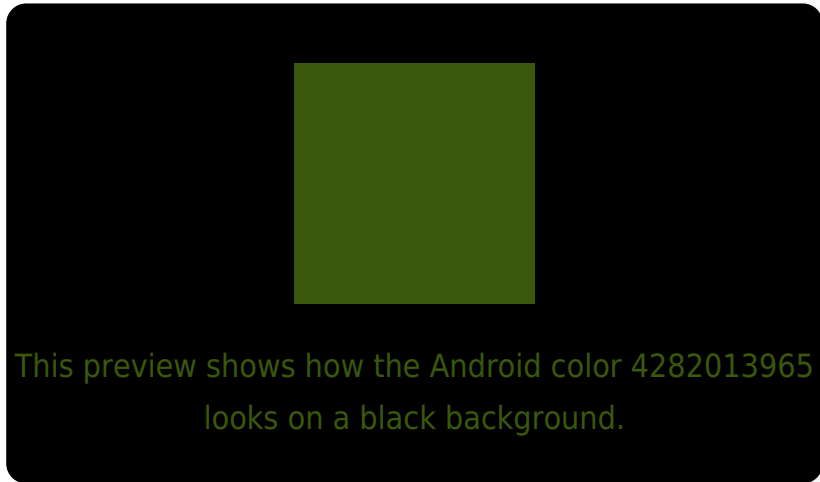
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282013965 Background



This preview shows how black text looks on a background with the Android color 4282013965.



This preview shows how white text looks on a background with the Android color 4282013965.

# 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**  
4282013965

**Protanopia**  
4284108810

**Deuteranopia**  
4284828693



# Trichromacy



**Original Color**  
4282013965

**Protanomaly**  
4283323147

**Deuteranomaly**  
4283781394

**Tritanomaly**  
4282406205

# Monochromacy



**Original Color**  
4282013965

**Achromatopsia**  
4282861383

**Achromatomaly**  
4282535474

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282013965 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(58, 89, 13)` looks like.

```
.text, #text, p{  
    color:rgb(58, 89, 13)  
}
```

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(58, 89, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 89, 13) }
```

## Border

The CSS property to change the border of an element to Android 4282013965 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(58, 89, 13) }
```

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

```
.border{ border-color:rgb(58, 89, 13) }
```

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

Here you see how a box with a 4 pixel rgb(58, 89, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 89, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 89, 13);  
box-shadow:4px 4px 4px 4px rgb(58, 89, 13)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282013965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 89, 13) }
```

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

```
.background{ background-color: rgb(58, 89,  
13) }
```

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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