

# Converting Colors

Android(4281295640)

Have a look what the booklet for  
Android(4281295640) contains.

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# Color

**Android(4281295640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F6318
RGB	47, 99, 24
RGB Percent	18%, 39%, 9%
CMY	0.8157, 0.6118, 0.9059
CMYK	0.53, 0.00, 0.76, 0.61
HSL	102°, 61%, 24%
HSV	102°, 76%, 39%
XYZ	5.7990, 9.5940, 2.4103
YIQ	74.9020, -6.9170, -34.3490

# Conversions

## Conversions Part 2

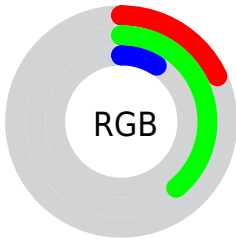
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 99, 76
Decimal	3105560
CIELab	37.10, -32.06, 35.40
CIElCh	37, 47.759, 132.162
Yxy	9.5940, 0.3257, 0.5389
Android (android.graphics.Color)	4281295640 (0xFF2F6318)
YUV	74.9020, -25.0947, -24.4701
Hunter-Lab	30.9741, -20.7858, 17.0681

# Details

The Android color **4281295640** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4283177059**, and the grayscale version is **4283124555**.

A 20% lighter version of the original color is **4284716616**, and **4278203136** is the 20% darker color. If you saturate the color by 10%, you get **4280836878**, and if you desaturate by 10%, it is **4281754402**.

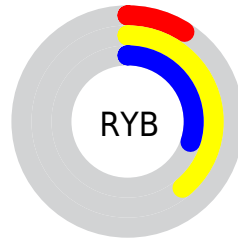
# Distribution



Red (18%)

Green (39%)

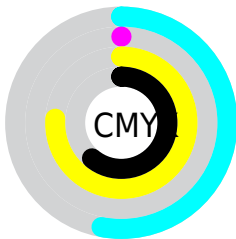
Blue (9%)



Red (9%)

Yellow (39%)

Blue (30%)

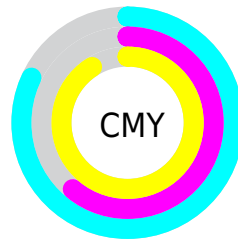


Cyan (53%)

Magenta (0%)

Yellow (76%)

Black (61%)



Cyan (82%)

Magenta (61%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281295640 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 4281295640 by changing the saturation by 10% instead.





4281295640



4281295640

4294967295



4279454464



4284716616



4278203136



4286427489



4278198272



4288204155



4278190080



4289980821



4291821488



4293722060



4294967273



4281295640



4281295640

■ 4280836878

■ 4281754402

■ 4280378116

■ 4282213164

■ 4280181504

■ 4282671926

■ 4283065152

■ 4283523914

■ 4283982675

■ 4284441437

■ 4284900199

■ 4285358961

# Harmonies

## Analogous

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



4284176896



4281295640



4278216766

# Triad

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



4281295640



4278215329



4288425801

# Complementary

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



4281295640



4283177059

# 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.



4287640688



4281295640



4279850915

# Square

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



4281295640



4278216842



4285351569



4287839269

# Rectangle

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



4281295640



4278217049



4285351569



4288294742



# Sweetspot

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



4281295640



4285235298



4284697368



4281548846



4290756543



4282400832



# Same Dimension

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



4281295640



4281303051



4279788326



4281151532



4280446976



4283101184



# Inverse Universe

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



4283177059



4284222336



4284684373



4281281584



4283302000



4289069296



# Previews

## White Background



This preview shows how the Android color 4281295640 looks on a white background.

## Color Contrast Check

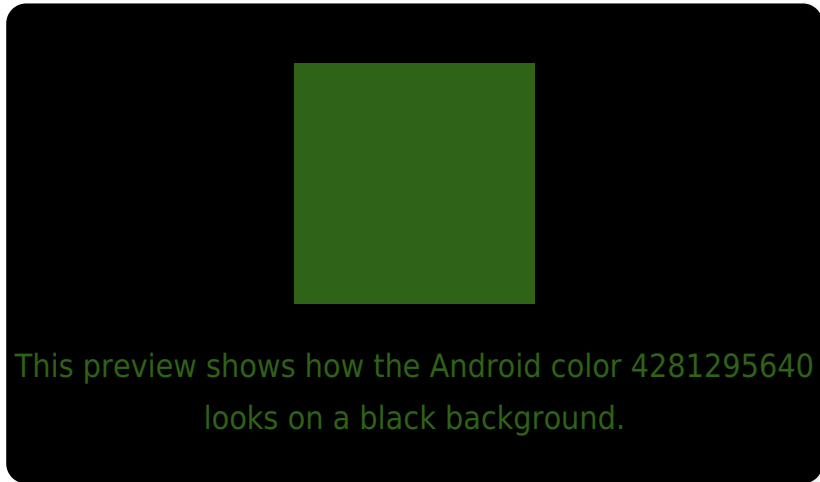
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281295640 Background



This preview shows how black text looks on a background with the Android color 4281295640.



This preview shows how white text looks on a background with the Android color 4281295640.

# 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**  
4281295640

**Protanopia**  
4284634901

**Deuteranopia**  
4285354783



# Trichromacy



**Original Color**  
4281295640

**Protanomaly**  
4283390742

**Deuteranomaly**  
4283848988

**Tritanomaly**  
4281818952

# Monochromacy



**Original Color**  
4281295640

**Achromatopsia**  
4283124555

**Achromatomaly**  
4282471480

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281295640 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(47, 99, 24)` looks like.

```
.text, #text, p{  
    color:rgb(47, 99, 24)  
}
```

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(47, 99, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 99, 24) }
```

## Border

The CSS property to change the border of an element to Android 4281295640 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(47, 99, 24) }
```

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

```
.border{ border-color:rgb(47, 99, 24) }
```

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

Here you see how a box with a 4 pixel rgb(47, 99, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 99, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 99, 24);  
box-shadow:4px 4px 4px 4px rgb(47, 99, 24)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281295640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 99, 24) }
```

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

```
.background{ background-color: rgb(47, 99,  
24) }
```

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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