

# Converting Colors

Android(4281354790)

Have a look what the booklet for  
Android(4281354790) contains.

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# Color

**Android(4281354790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	304A26
RGB	48, 74, 38
RGB Percent	19%, 29%, 15%
CMY	0.8118, 0.7098, 0.8510
CMYK	0.35, 0.00, 0.49, 0.71
HSL	103°, 32%, 22%
HSV	103°, 49%, 29%
XYZ	4.0176, 5.6659, 2.7156
YIQ	62.1220, -3.9400, -16.7080

# Conversions

## Conversions Part 2

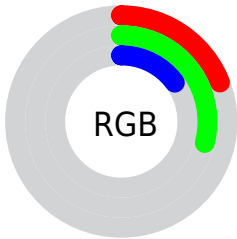
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 74, 64
Decimal	3164710
CIE Lab	28.55, -17.87, 18.38
CIE LCh	29, 25.636, 134.188
Yxy	5.6659, 0.3240, 0.4570
Android (android.graphics.Color)	4281354790 (0xFF304A26)
YUV	62.1220, -11.8921, -12.3850
Hunter-Lab	23.8031, -11.5277, 9.8980

# Details

The Android color **4281354790** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4282394186**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4284447572**, and **4278263296** is the 20% darker color. If you saturate the color by 10%, you get **4281027103**, and if you desaturate by 10%, it is **4281682477**.

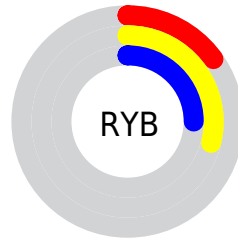
# Distribution



Red (19%)

Green (29%)

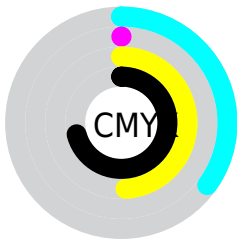
Blue (15%)



Red (15%)

Yellow (29%)

Blue (25%)

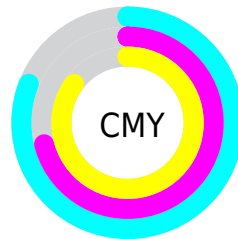


Cyan (35%)

Magenta (0%)

Yellow (49%)

Black (71%)



Cyan (81%)

Magenta (71%)


Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281354790 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 4281354790 by changing the saturation by 10% instead.



 4281354790

 4281354790

4294967295

 4279907089

 4284447572

 4278263296

 4286158188

 4278190080


 4287868805

 4289579936

 4291422139

 4293263319

 4294967283

 4281354790

 4281354790

■ 4281027103

■ 4281682477

■ 4280633879

■ 4282075701

■ 4280306192

■ 4282403388

■ 4279978504

■ 4282731076

■ 4279585281

■ 4283124299

■ 4279585280

■ 4283451986

■ 4283779674

■ 4284172897

■ 4284500585

# Harmonies

## Analogous

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



4282795292



4281354790



4279258424

# Triad

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



4281354790



4278208617



4285084475

# Complementary

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



4281354790



4282394186

# 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.



4284691535



4281354790



4281614954

# Square

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



4281354790



4278209630



4283513440



4284757801

# Rectangle

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



4281354790



4278209862



4283513440



4285018945



# Sweetspot

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



4281354790



4283851090



4283056166



4280954920



4289769648



4281348144



# Same Dimension

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



4281354790



4281884969



4280699438



4280493602



4280051200



4282443264



# Inverse Universe

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



4282394186



4283509089



4283049538



4280623654



4283039846

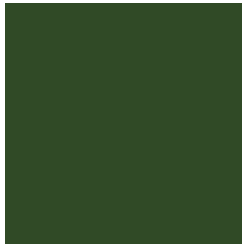


4289069286



# Previews

## White Background



This preview shows how the Android color 4281354790 looks on a white background.

## Color Contrast Check

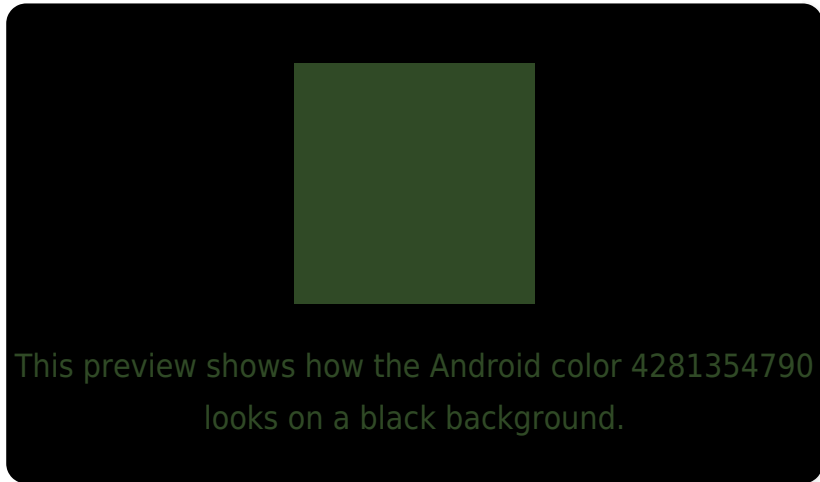
Large Text (above 18pt) WCAG AA ✓ Pass

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

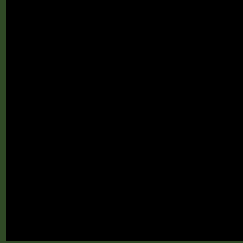
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281354790 Background



This preview shows how black text looks on a background with the Android color 4281354790.



This preview shows how white text looks on a background with the Android color 4281354790.

# 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**  
4281354790

**Protanopia**  
4283056932

**Deuteranopia**  
4283514920



# Trichromacy



**Original Color**  
4281354790

**Protanomaly**  
4282467877

**Deuteranomaly**  
4282729511

**Tritanomaly**  
4281616190

# Monochromacy



**Original Color**  
4281354790

**Achromatopsia**  
4282269246

**Achromatomaly**  
4281942581

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281354790 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(48, 74, 38)` looks like.

```
.text, #text, p{  
    color:rgb(48, 74, 38)  
}
```

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(48, 74, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 74, 38) }
```

## Border

The CSS property to change the border of an element to Android 4281354790 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(48, 74, 38) }
```

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

```
.border{ border-color:rgb(48, 74, 38) }
```

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

Here you see how a box with a 4 pixel rgb(48, 74, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 74, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 74, 38);  
box-shadow:4px 4px 4px 4px rgb(48, 74, 38)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281354790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 74, 38) }
```

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

```
.background{ background-color: rgb(48, 74,  
38) }
```

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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