

# Converting Colors

Android(4290000646)

Have a look what the booklet for  
Android(4290000646) contains.

<b>Android(4290000646)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4290000646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B43706
RGB	180, 55, 6
RGB Percent	71%, 22%, 2%
CMY	0.2941, 0.7843, 0.9765
CMYK	0.00, 0.69, 0.97, 0.29
HSL	17°, 94%, 36%
HSV	17°, 97%, 71%
XYZ	20.2215, 12.4488, 1.5094
YIQ	86.7890, 90.2290, 11.2610

# Conversions

## Conversions Part 2

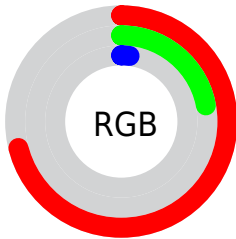
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 74, 6
Decimal	11810566
CIELab	41.92, 48.83, 51.82
CIELCh	42, 71.201, 46.701
Yxy	12.4488, 0.5916, 0.3642
Android (android.graphics.Color)	4290000646 (0xFFB43706)
YUV	86.7890, -39.8290, 81.7460
Hunter-Lab	35.2829, 40.5575, 22.1616

# Details

The Android color **4290000646** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **4278617012**, and the grayscale version is **4283914071**.

A 20% lighter version of the original color is **4294143291**, and **4285923328** is the 20% darker color. If you saturate the color by 10%, you get **4289999616**, and if you desaturate by 10%, it is **4290003992**.

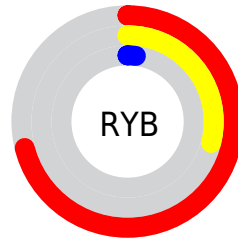
# Distribution



Red (71%)

Green (22%)

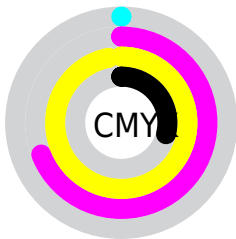
Blue (2%)



Red (71%)

Yellow (29%)

Blue (2%)

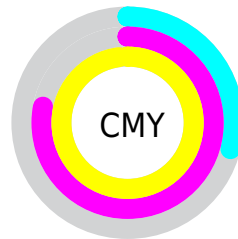


Cyan (0%)

Magenta (69%)

Yellow (97%)

Black (29%)



Cyan (29%)

Magenta (78%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290000646 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 4290000646 by changing the saturation by 10% instead.



 4290000646

 4290000646

 4294967286

 4287961344

 4294143291

 4285923328

 4294936659

 4283957248

 4294943597

 4282187777

 4294950791

 4279959553

 4294958242

 4278190080

 4294965693

 4294967257

 4290000646

 4290000646

■ 4289999616

■ 4290003992

■ 4290007338

■ 4290010684

■ 4290014030

■ 4290017376

■ 4290020722

■ 4290024068

■ 4290027158

■ 4290030504

# Harmonies

## Analogous

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



4291166277



4290000646



4287518464

# Triad

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



4290000646



4278221382



4278214613

# Complementary

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



4290000646



4278617012

# 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.



4278219479



4290000646



4278221699

# Square

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



4290000646



4278220032



4278221496



4287381428

# Rectangle

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



4290000646



4285424896



4278221496



4278216665



# Sweetspot

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



4290000646



4293638823



4289988230



4285880396



4294309365



4285887861



# Same Dimension

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



4290000646



4293607936



4290022150



4284044112



4288228096



4279895808



# Inverse Universe

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



4278617012



4278233579



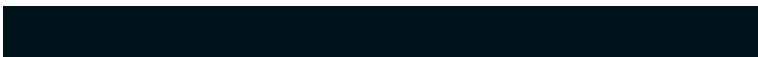
4278595508



4283455321



4278218393



4278194714



# Previews

## White Background



This preview shows how the Android color 4290000646 looks on a white background.

## Color Contrast Check

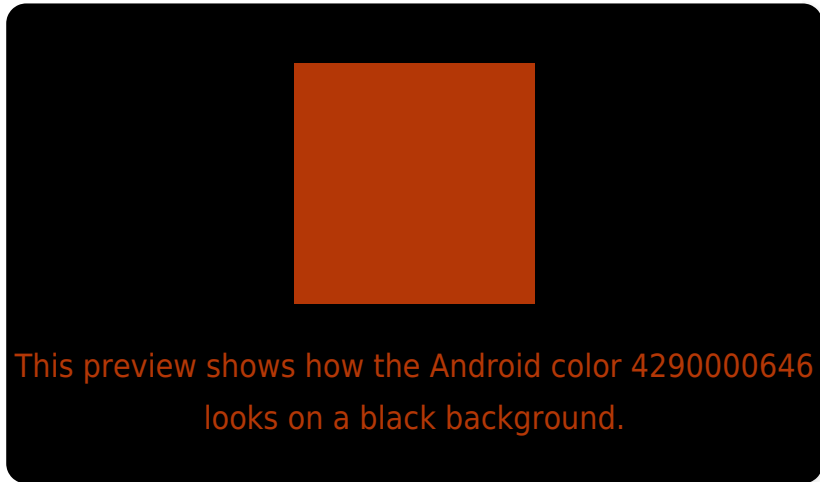
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290000646 Background



This preview shows how black text looks on a background with the Android color 4290000646.



This preview shows how white text looks on a background with the Android color 4290000646.

# 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



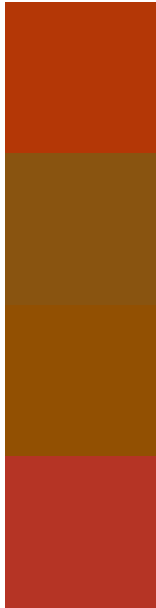
**Original Color**  
4290000646

**Protanopia**  
4285555733

**Deuteranopia**  
4286471936



# Trichromacy



**Original Color**  
4290000646

**Protanomaly**  
4287190032

**Deuteranomaly**  
4287778818

**Tritanomaly**  
4290065445

# Monochromacy



**Original Color**  
4290000646

**Achromatopsia**  
4283914071

**Achromatomaly**  
4286139194

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290000646 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(180, 55, 6)` looks like.

```
.text, #text, p{  
    color:rgb(180, 55, 6)  
}
```

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(180, 55, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 55, 6) }
```

## Border

The CSS property to change the border of an element to Android 4290000646 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(180, 55, 6) }
```

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

```
.border{ border-color:rgb(180, 55, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 55, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 55, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 55, 6);  
box-shadow:4px 4px 4px 4px rgb(180, 55, 6)  
}
```

# Background

The CSS property to change the background color of an element to Android 4290000646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 55, 6) }
```

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

```
.background{ background-color: rgb(180, 55,  
6) }
```

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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