

# Converting Colors

Android(4285677584)

Have a look what the booklet for  
Android(4285677584) contains.

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# Color

**Android(4285677584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	724010
RGB	114, 64, 16
RGB Percent	45%, 25%, 6%
CMY	0.5529, 0.7490, 0.9373
CMYK	0.00, 0.44, 0.86, 0.55
HSL	29°, 75%, 25%
HSV	29°, 86%, 45%
XYZ	8.8664, 7.2816, 1.4284
YIQ	73.4780, 45.2080, -4.3280

# Conversions

## Conversions Part 2

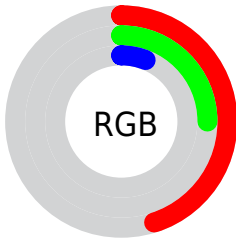
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	114, 110, 16
Decimal	7487504
CIE Lab	32.44, 17.97, 36.35
CIE LCh	32, 40.548, 63.690
Yxy	7.2816, 0.5044, 0.4143
Android (android.graphics.Color)	4285677584 (0xFF724010)
YUV	73.4780, -28.3367, 35.5378
Hunter-Lab	26.9845, 11.4274, 15.7507

# Details

The Android color **4285677584** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4279255666**, and the grayscale version is **4283058762**.

A 20% lighter version of the original color is **4289359935**, and **4282127360** is the 20% darker color. If you saturate the color by 10%, you get **4285676037**, and if you desaturate by 10%, it is **4285679131**.

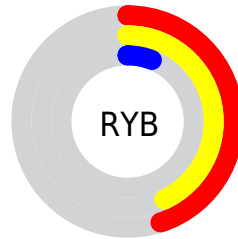
# Distribution



Red (45%)

Green (25%)

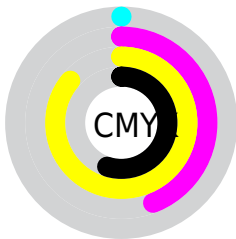
Blue (6%)



Red (45%)

Yellow (43%)

Blue (6%)

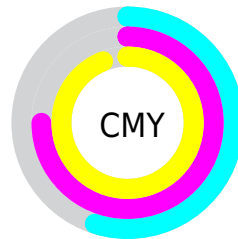


Cyan (0%)

Magenta (44%)

Yellow (86%)

Black (55%)



Cyan (55%)

Magenta (75%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285677584 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 4285677584 by changing the saturation by 10% instead.



 4285677584

 4285677584

 4294967289

 4283902464

 4289359935

 4282127360

 4291267159

 4280614912

 4293239920

 4278190080

 4294950794

 4294957988

 4294965440

 4294967260

 4285677584

 4285677584

■ 4285676037

■ 4285679131

■ 4285675520

■ 4285680679

■ 4285681970

■ 4285683518

■ 4285685065

■ 4285686612

■ 4285688160

■ 4285689707

■ 4285690999

# Harmonies

## Analogous

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



4286722859



4285677584



4283976705

# Triad

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



4285677584



4278213455



4283581058

# Complementary

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



4285677584



4279255666

# 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.



4278210444



4285677584



4278213487

# Square

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



4285677584



4278212910



4278212485



4285936745

# Rectangle

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



4285677584



4282667528



4278212485



4282337159



# Sweetspot

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



4285677584



4287922285



4285665347



4283055667



4291414473



4283058762



# Same Dimension

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



4285677584



4287907840



4285689872



4281873714



4286069504



4294408448



# Inverse Universe

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



4279255666



4278209428



4279243378



4281480504



4278205816



4278222583



# Previews

## White Background



This preview shows how the Android color 4285677584 looks on a white background.

## Color Contrast Check

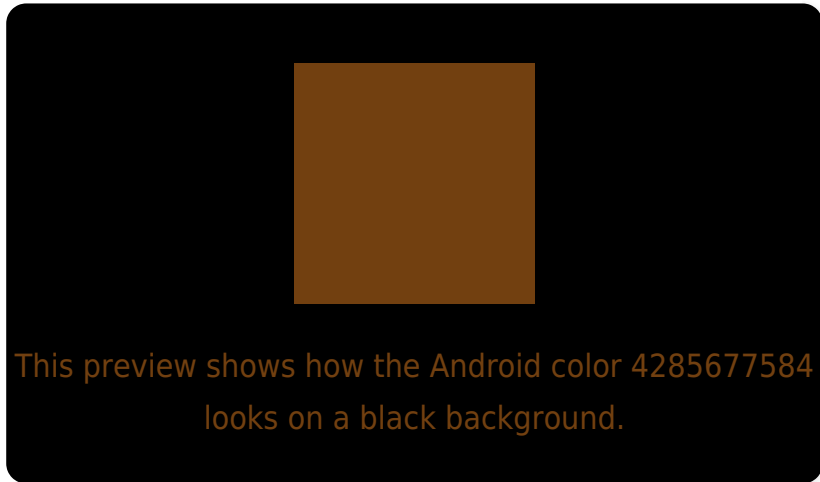
Large Text (above 18pt) WCAG AA ✓ Pass

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

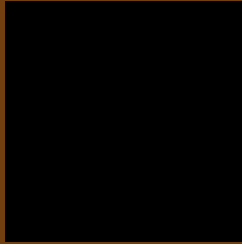
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285677584 Background



This preview shows how black text looks on a background with the Android color 4285677584.



This preview shows how white text looks on a background with the Android color 4285677584.

# 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**

4285677584

**Protanopia**

4283845907

**Deuteranopia**

4284565770



# Trichromacy



**Original Color**  
4285677584

**Protanomaly**  
4284499986

**Deuteranomaly**  
4284958220

**Tritanomaly**  
4285742383

# Monochromacy



**Original Color**  
4285677584

**Achromatopsia**  
4282992969

**Achromatomaly**  
4283975220

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285677584 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(114, 64, 16)` looks like.

```
.text, #text, p{  
    color:rgb(114, 64, 16)  
}
```

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(114, 64, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 64, 16) }
```

## Border

The CSS property to change the border of an element to Android 4285677584 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(114, 64, 16) }
```

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

```
.border{ border-color:rgb(114, 64, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 64, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 64, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 64, 16);  
box-shadow:4px 4px 4px 4px rgb(114, 64,  
16) }
```

# Background

The CSS property to change the background color of an element to Android 4285677584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 64, 16) }
```

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

```
.background{ background-color: rgb(114, 64,  
16) }
```

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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