

# Converting Colors

Android(4285667100)

Have a look what the booklet for  
Android(4285667100) contains.

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# Color

**Android(4285667100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72171C
RGB	114, 23, 28
RGB Percent	45%, 9%, 11%
CMY	0.5529, 0.9098, 0.8902
CMYK	0.00, 0.80, 0.75, 0.55
HSL	357°, 66%, 27%
HSV	357°, 80%, 45%
XYZ	7.4554, 4.2740, 1.5306
YIQ	50.7790, 52.6310, 20.8470

# Conversions

## Conversions Part 2

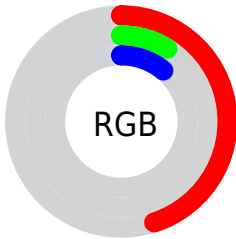
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 23, 28
Decimal	7477020
CIE Lab	24.56, 39.22, 21.66
CIE LCh	25, 44.800, 28.910
Yxy	4.2740, 0.5622, 0.3223
Android (android.graphics.Color)	4285667100 (0xFF72171C)
YUV	50.7790, -11.2300, 55.4448
Hunter-Lab	20.6738, 28.1921, 10.0819

# Details

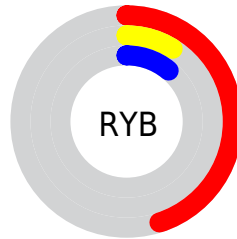
The Android color **4285667100** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4279726701**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4289416008**, and **4282056704** is the 20% darker color. If you saturate the color by 10%, you get **4285664273**, and if you desaturate by 10%, it is **4285669927**.

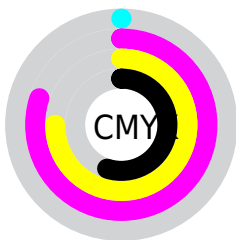
# Distribution



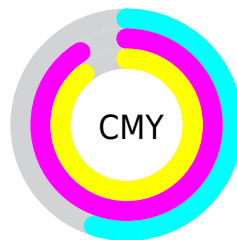
- Red (45%)
- Green (9%)
- Blue (11%)



- Red (45%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (80%)
- Yellow (75%)
- Black (55%)



- Cyan (55%)
- Magenta (91%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285667100 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 4285667100 by changing the saturation by 10% instead.



 4285667100

 4285667100

4294967295

 4283826179

 4289416008

 4282056704

 4291388767

 4280090625

 4293361528

 4278190080

 4294941330

 4294948268

 4294955464

 4294962916

 4285667100

 4285667100

■ 4285664273

■ 4285669927

■ 4285661190

■ 4285673010

■ 4285675836

■ 4285678919

■ 4285681746

■ 4285684573

■ 4285687655

■ 4285690482

■ 4285693565

# Harmonies

## Analogous

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



4285730109



4285667100



4284688896

# Triad

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



4285667100



4278208020



4278206335

# Complementary

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



4285667100



4279726701

# 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.



4278208116



4285667100



4278208824

# Square

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



4285667100



4280893952



4278208858



4281545334

# Rectangle

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



4285667100



4283642880



4278208858



4278207101



# Sweetspot

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



4285667100



4287918194



4285273970



4283053366



4291414473



4283058762



# Same Dimension

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



4285667100



4287890958



4285677079



4281872947



4286054407



4294377486



# Inverse Universe

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



4285667100



4287890958



4279716722



4281872947



4286054407



4294377486



# Previews

## White Background



This preview shows how the Android color 4285667100 looks on a white background.

## Color Contrast Check

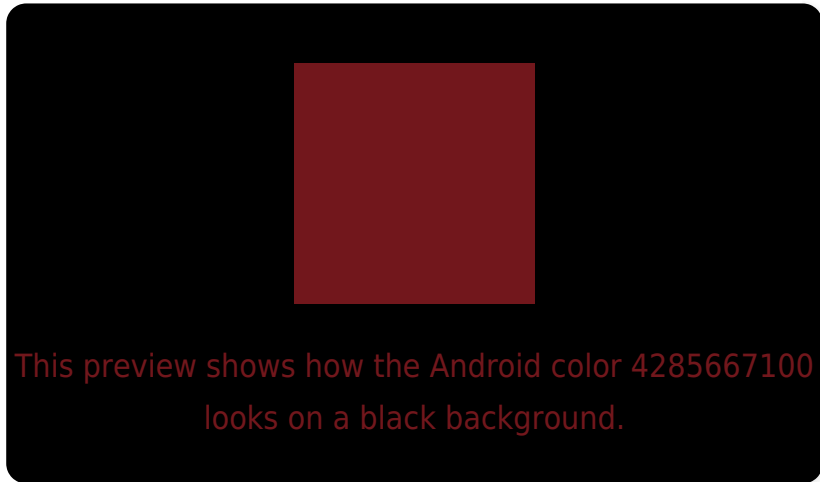
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285667100 Background



This preview shows how black text looks on a background with the Android color 4285667100.

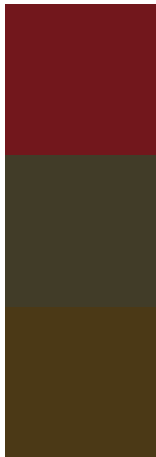


This preview shows how white text looks on a background with the Android color 4285667100.

# 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**  
4285667100

**Protanopia**  
4282465320

**Deuteranopia**  
4283119894



# Trichromacy



**Original Color**

4285667100

**Protanomaly**

4283641636

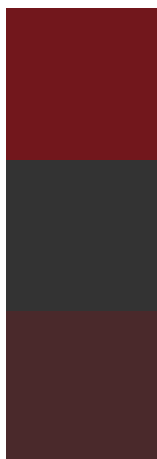
**Deuteranomaly**

4284034328

**Tritanomaly**

4285667353

# Monochromacy



**Original Color**

4285667100

**Achromatopsia**

4281545523

**Achromatomaly**

4283050283

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285667100 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, 23, 28)` looks like.

```
.text, #text, p{  
    color:rgb(114, 23, 28)  
}
```

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, 23, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 23, 28) }
```

## Border

The CSS property to change the border of an element to Android 4285667100 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, 23, 28) }
```

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

```
.border{ border-color:rgb(114, 23, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 23, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 23, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 23, 28);  
box-shadow:4px 4px 4px 4px rgb(114, 23,  
28) }
```

# Background

The CSS property to change the background color of an element to Android 4285667100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 23, 28) }
```

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

```
.background{ background-color: rgb(114, 23,  
28) }
```

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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