

# Converting Colors

Android(4286791506)

Have a look what the booklet for  
Android(4286791506) contains.

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# Color

**Android(4286791506)**

# Conversions

## Conversions Part 1

Format	Color
Hex	833F52
RGB	131, 63, 82
RGB Percent	51%, 25%, 32%
CMY	0.4863, 0.7529, 0.6784
CMYK	0.00, 0.52, 0.37, 0.49
HSL	343°, 35%, 38%
HSV	343°, 52%, 51%
XYZ	12.6606, 8.9895, 9.0505
YIQ	85.4980, 34.4290, 20.3250

# Conversions

## Conversions Part 2

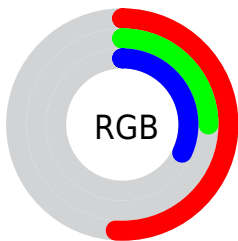
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 63, 82</a>
Decimal	<a href="#">8601426</a>
CIELab	<a href="#">35.96, 31.37, 2.31</a>
CIELCh	<a href="#">36, 31.455, 4.210</a>
Yxy	<a href="#">8.9895, 0.4124, 0.2928</a>
Android (android.graphics.Color)	<a href="#">4286791506 (0xFF833F52)</a>
YUV	<a href="#">85.4980, -1.7245, 39.9053</a>
Hunter-Lab	<a href="#">29.9825, 22.9050, 3.0905</a>

# Details

The Android color **4286791506** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4282352496**, and the grayscale version is **4283782485**.

A 20% lighter version of the original color is **4290408835**, and **4283305510** is the 20% darker color. If you saturate the color by 10%, you get **4286788169**, and if you desaturate by 10%, it is **4286794843**.

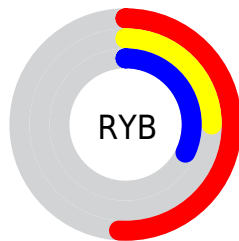
# Distribution



Red (51%)

Green (25%)

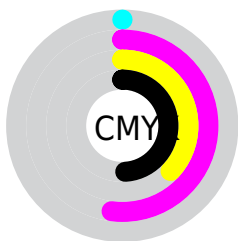
Blue (32%)



Red (51%)

Yellow (25%)

Blue (32%)

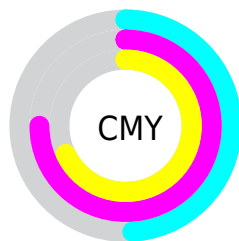


Cyan (0%)

Magenta (52%)

Yellow (37%)

Black (49%)



Cyan (49%)

Magenta (75%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286791506 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 4286791506 by changing the saturation by 10% instead.



 4286791506

 4286791506

4294967295

 4285015867

 4290408835

 4283305510

 4292316061

 4281729041

 4294223544

 4279959553

 4294951380

 4278190080

 4294958576

 4294966015

 4286791506

 4286791506

 4286788169

 4286794843

 4286784831

 4286798181

 4286781494

 4286801518

 4286778156

 4286804856

 4286775333

 4286808449

 4286811787

 4286815124

 4286818462

 4286821799

# Harmonies

## Analogous

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



4286006123



4286791506



4286726970

# Triad

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



4286791506



4282800937



4278214018

# Complementary

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



4286791506



4282352496

# 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.



4278215024



4286791506



4280508478

# Square

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



4286791506



4284503072



4278214999



4281226887

# Rectangle

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



4286791506



4286203948



4278214999



4278214525



# Sweetspot

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



4286791506



4289433751



4285546371



4283909707



4292269782



4283914071



# Same Dimension

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



4286791506



4289413471



4286795327



4282530878



4286709796



4278386689



# Inverse Universe

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



4286791506



4289413471



4282348675



4282530878



4286709796

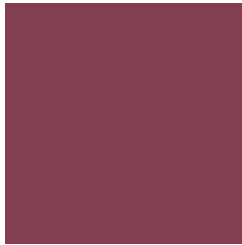


4278386689



# Previews

## White Background



This preview shows how the Android color 4286791506 looks on a white background.

## Color Contrast Check

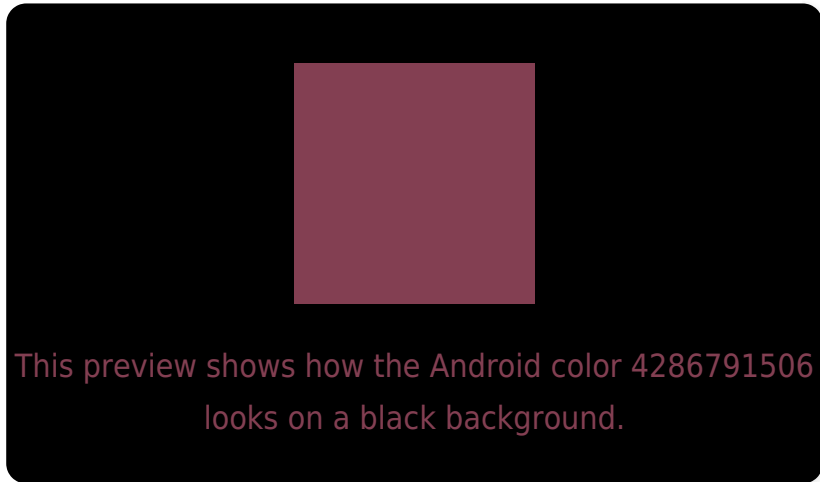
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286791506 Background



This preview shows how black text looks on a background with the Android color 4286791506.



This preview shows how white text looks on a background with the Android color 4286791506.

# 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**  
4286791506

**Protanopia**  
4283716959

**Deuteranopia**  
4284502607



# Trichromacy



**Original Color**

4286791506

**Protanomaly**

4284829018

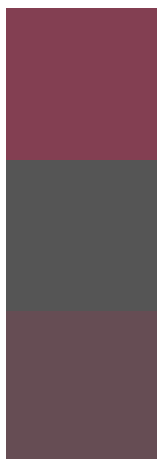
**Deuteranomaly**

4285352784

**Tritanomaly**

4286726218

# Monochromacy



**Original Color**

4286791506

**Achromatopsia**

4283782485

**Achromatomaly**

4284894548

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286791506 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(131, 63, 82)` looks like.

```
.text, #text, p{  
    color:rgb(131, 63, 82)  
}
```

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(131, 63, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 63, 82) }
```

## Border

The CSS property to change the border of an element to Android 4286791506 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(131, 63, 82) }
```

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

```
.border{ border-color:rgb(131, 63, 82) }
```

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

Here you see how a box with a 4 pixel rgb(131, 63, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 63, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 63, 82);  
box-shadow:4px 4px 4px 4px rgb(131, 63,  
82) }
```

# Background

The CSS property to change the background color of an element to Android 4286791506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 63, 82) }
```

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

```
.background{ background-color: rgb(131, 63,  
82) }
```

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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