

# Converting Colors

Android(4284165412)

Have a look what the booklet for  
Android(4284165412) contains.

<b>Android(4284165412)</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(4284165412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B2D24
RGB	91, 45, 36
RGB Percent	36%, 18%, 14%
CMY	0.6431, 0.8235, 0.8588
CMYK	0.00, 0.51, 0.60, 0.64
HSL	10°, 43%, 25%
HSV	10°, 60%, 36%
XYZ	5.5712, 4.2283, 2.1916
YIQ	57.7280, 30.3050, 6.9530

# Conversions

## Conversions Part 2

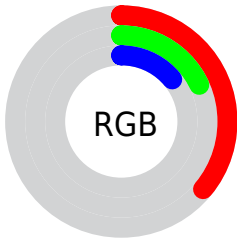
Format	Color
<b>RYB</b>	91, 47, 36
Decimal	5975332
CIELab	24.41, 20.04, 15.27
CIELCh	24, 25.192, 37.318
Yxy	4.2283, 0.4646, 0.3526
Android (android.graphics.Color)	4284165412 (0xFF5B2D24)
YUV	57.7280, -10.7119, 29.1795
Hunter-Lab	20.5628, 12.3772, 8.0749

# Details

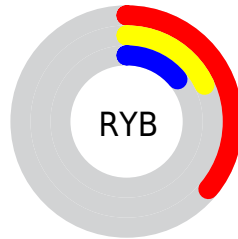
The Android color **4284165412** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4280570459**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4287650897**, and **4280942592** is the 20% darker color. If you saturate the color by 10%, you get **4284163355**, and if you desaturate by 10%, it is **4284167469**.

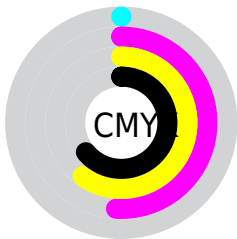
# Distribution



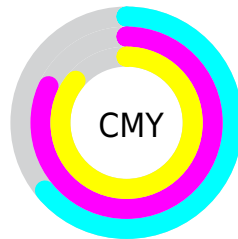
- Red (36%)
- Green (18%)
- Blue (14%)



- Red (36%)
- Yellow (18%)
- Blue (14%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (64%)



- Cyan (64%)
- Magenta (82%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284165412 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 4284165412 by changing the saturation by 10% instead.





4284165412



4284165412

4294967295



4282521359



4287650897



4280942592



4289426793



4278190080



4291333762



4293175708



4294952119



4294959571



4294966767



4284165412



4284165412

■ 4284163355

■ 4284167469

■ 4284161554

■ 4284169270

■ 4284159497

■ 4284171327

■ 4284157696

■ 4284173128

■ 4284175186

■ 4284177243

■ 4284179044

■ 4284181101

■ 4284182902

# Harmonies

## Analogous

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



4284295734



4284165412



4283511831

# Triad

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



4284165412



4279255595



4280367712

# Complementary

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



4284165412



4280570459

# 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.



4278206557



4284165412



4278207550

# Square

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



4284165412



4281089819



4278207312



4282463064

# Rectangle

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



4284165412



4282791955



4278207312



4279188832



# Sweetspot

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



4284165412



4285883488



4284163155



4282069038



4290427578



4282071867



# Same Dimension

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



4284165412



4285869600



4284172324



4281215529



4285403648



4293732096



# Inverse Universe

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



4280570459



4280313717



4280563547



4280888622



4278213742

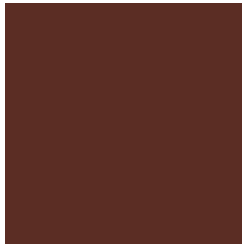


4278241005



# Previews

## White Background



This preview shows how the Android color 4284165412 looks on a white background.

## Color Contrast Check

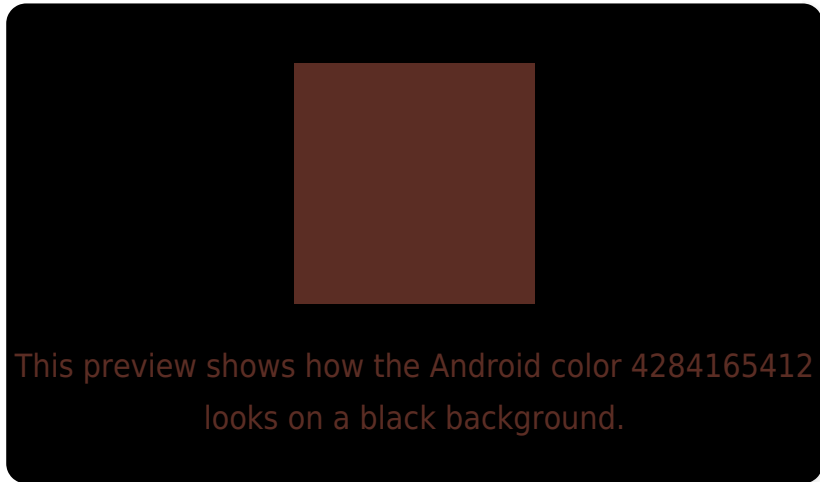
Large Text (above 18pt) WCAG AA ✓ Pass

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

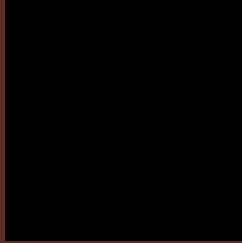
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284165412 Background



This preview shows how black text looks on a background with the Android color 4284165412.

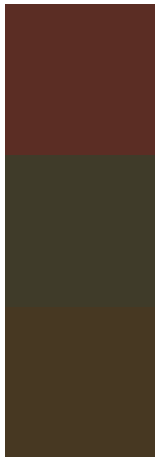


This preview shows how white text looks on a background with the Android color 4284165412.

# 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



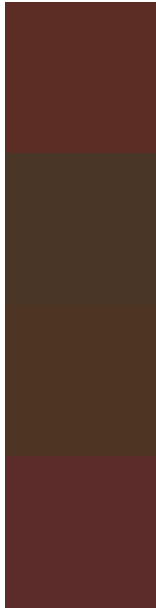
**Original Color**  
4284165412

**Protanopia**  
4282333993

**Deuteranopia**  
4282857506



# Trichromacy



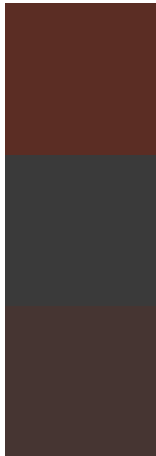
**Original Color**  
4284165412

**Protanomaly**  
4282988071

**Deuteranomaly**  
4283315235

**Tritanomaly**  
4284230699

# Monochromacy



**Original Color**  
4284165412

**Achromatopsia**  
4282006074

**Achromatomaly**  
4282791218

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284165412 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(91, 45, 36)` looks like.

```
.text, #text, p{  
    color:rgb(91, 45, 36)  
}
```

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(91, 45, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 45, 36) }
```

## Border

The CSS property to change the border of an element to Android 4284165412 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(91, 45, 36) }
```

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

```
.border{ border-color:rgb(91, 45, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 45, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 45, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 45, 36);  
box-shadow:4px 4px 4px 4px rgb(91, 45, 36)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284165412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 45, 36) }
```

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

```
.background{ background-color: rgb(91, 45,  
36) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor