

Converting Colors

Android(4284297007)

Have a look what the booklet for
Android(4284297007) contains.

| | |
|--|----|
| Android(4284297007) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4284297007)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5D2F2F |
| RGB | 93, 47, 47 |
| RGB Percent | 36%, 18%, 18% |
| CMY | 0.6353, 0.8157, 0.8157 |
| CMYK | 0.00, 0.49, 0.49, 0.64 |
| HSL | 0°, 33%, 27% |
| HSV | 0°, 49%, 36% |
| XYZ | 6.0438, 4.5654, 3.2520 |
| YIQ | 60.7540, 27.4160, 9.7520 |

Conversions

Conversions Part 2

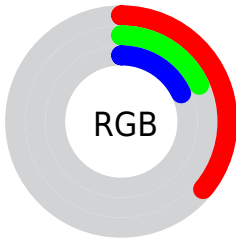
| Format | Color |
|-------------------------------------|---|
| RYB | 93, 47, 47 |
| Decimal | 6106927 |
| CIELab | 25.46, 20.87, 9.43 |
| CIELCh | 25, 22.898, 24.315 |
| Yxy | 4.5654, 0.4360, 0.3294 |
| Android (android.graphics.Color) | 4284297007 (0xFF5D2F2F) |
| YUV | 60.7540, -6.7807, 28.2797 |
| Hunter-Lab | 21.3668, 13.0984, 5.9330 |

Details

The Android color **4284297007** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4281294173**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4287782493**, and **4281139712** is the 20% darker color. If you saturate the color by 10%, you get **4284294694**, and if you desaturate by 10%, it is **4284299320**.

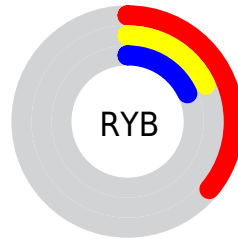
Distribution



Red (36%)

Green (18%)

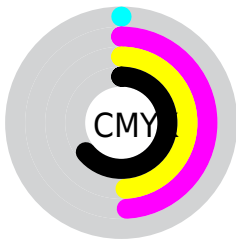
Blue (18%)



Red (36%)

Yellow (18%)

Blue (18%)

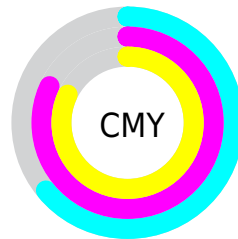


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (64%)



Cyan (64%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284297007 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 4284297007 by changing the saturation by 10% instead.



4284297007



4284297007

4294967295



4282652954



4287782493



4281139712



4289558389



4278386688



4291400079



4278190080



4293307561



4294952901



4294960097

4294967293



4284297007



4284297007

■ 4284294694

■ 4284299320

■ 4284292124

■ 4284301890

■ 4284289811

■ 4284304203

■ 4284287498

■ 4284306516

■ 4284285185

■ 4284309086

■ 4284284928

■ 4284311399

■ 4284313712

■ 4284316025

■ 4284318595

Harmonies

Analogous

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



4284165696



4284297007



4283905057

Triad

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



4284297007



4280566567



4279713631

Complementary

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



4284297007



4281294173

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.



4278207320



4284297007



4278338872

Square

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



4284297007



4281942044



4278207818



4281940316

Rectangle

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



4284297007



4283381787



4278207818



4278403421

Sweetspot

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



4284297007



4286080614



4284297053



4282200626



4290624957



4282203453

Same Dimension

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



4284297007



4286066993



4284302895



4281215273



4285399040



4293722112

Inverse Universe

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



4281294173



4281432184



4281288285



4280888878



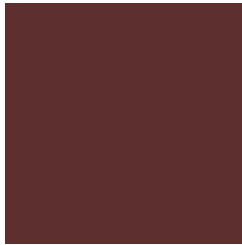
4278218350



4278250989

Previews

White Background



This preview shows how the Android color 4284297007 looks on a white background.

Color Contrast Check

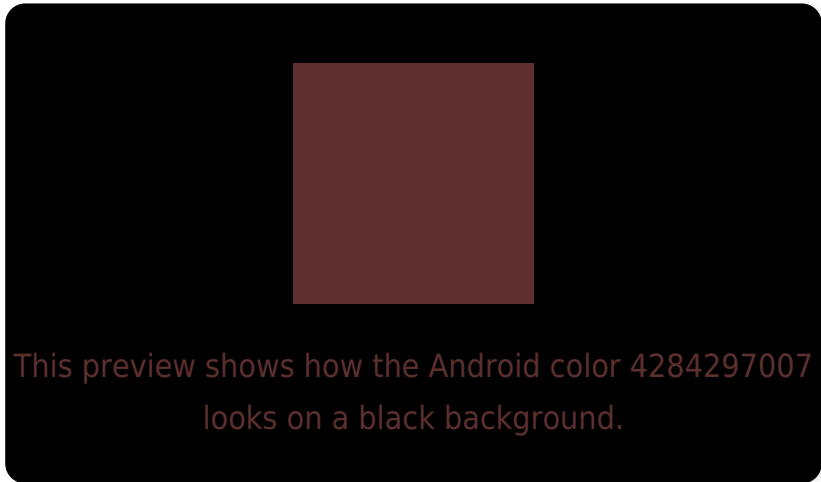
Large Text (above 18pt) WCAG AA ✓ Pass

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

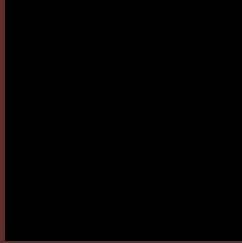
Any Text WCAG AA × Fail

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 4284297007 Background



This preview shows how black text looks on a background with the Android color 4284297007.



This preview shows how white text looks on a background with the Android color 4284297007.

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

[4284297007](#)

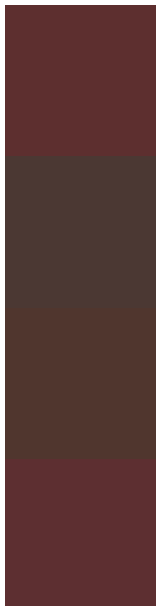
Protanopia

[4282400054](#)

Deuteranopia

[4282923565](#)

Trichromacy



Original Color

4284297007

Protanomaly

4283119667

Deuteranomaly

4283446830

Tritanomaly

4284297009

Monochromacy



Original Color

4284297007

Achromatopsia

4282203453

Achromatomaly

4282988600

CSS Examples

Text

The CSS property to change the color of the text to Android 4284297007 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(93, 47, 47)` looks like.

```
.text, #text, p{  
    color:rgb(93, 47, 47)  
}
```

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(93, 47, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 47, 47) }
```

Border

The CSS property to change the border of an element to Android 4284297007 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(93, 47, 47) }
```

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

```
.border{ border-color:rgb(93, 47, 47) }
```

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

Here you see how a box with a 4 pixel rgb(93, 47, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 47, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 47, 47);  
box-shadow:4px 4px 4px 4px rgb(93, 47, 47)  
}
```

Background

The CSS property to change the background color of an element to Android 4284297007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 47, 47) }
```

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

```
.background{ background-color: rgb(93, 47,  
47) }
```

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