

# Converting Colors

Android(4292655508)

Have a look what the booklet for  
Android(4292655508) contains.

<b>Android(4292655508)</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(4292655508)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCB994
RGB	220, 185, 148
RGB Percent	86%, 73%, 58%
CMY	0.1373, 0.2745, 0.4196
CMYK	0.00, 0.16, 0.33, 0.14
HSL	31°, 51%, 72%
HSV	31°, 33%, 86%
XYZ	52.2095, 52.0517, 35.3122
YIQ	191.2470, 32.7370, -4.0870

# Conversions

## Conversions Part 2

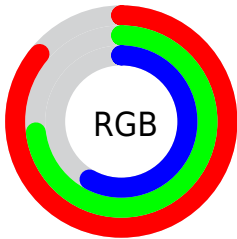
Format	Color
R <sub>Y</sub> B	216, 220, 148
Decimal	14465428
CIE Lab	77.31, 7.28, 23.47
CIE LCh	77, 24.576, 72.765
Yxy	52.0517, 0.3741, 0.3729
Android (android.graphics.Color)	4292655508 (0xFFDCB994)
YUV	191.2470, -21.3208, 25.2164
Hunter-Lab	72.1469, 2.9155, 21.4834

# Details

The Android color `4292655508` is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be `4287936476`, and the grayscale version is `4290756543`.

A 20% lighter version of the original color is `4294963658`, and `4288971873` is the 20% darker color. If you saturate the color by 10%, you get `4292652670`, and if you desaturate by 10%, it is `4292658346`.

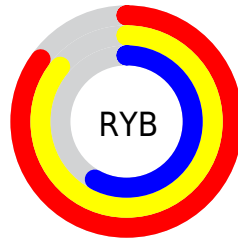
# Distribution



Red (86%)

Green (73%)

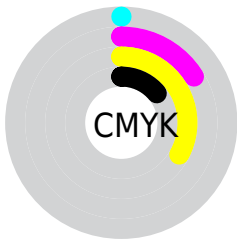
Blue (58%)



Red (85%)

Yellow (86%)

Blue (58%)

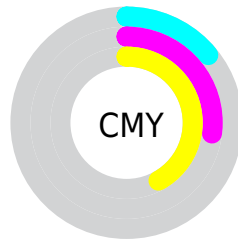


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (14%)



Cyan (14%)

Magenta (27%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292655508 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 4292655508 by changing the saturation by 10% instead.



 4292655508

 4292655508

4294967295

 4290813562

 4294963658

 4288971873

 4294967270

 4287195977

 4285420338

 4283776028

 4282197508

 4280619520

 4278190080

 4292655508

 4292655508

 4292652670

 4292658346

 4292650088

 4292660928

 4292647250

 4292663766

 4292644412

 4292666604

 4292641830

 4292669183

 4292638992

 4292671999

 4292636928

 4292673535

# Harmonies

## Analogous

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



4293571233



4292655508



4291215762

# Triad

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



4292655508



4286696648



4291802848

# Complementary

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



4292655508



4287936476

# 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.



4289838827



4292655508



4286630621

# Square

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



4292655508



4287876017



4287874538



4293177549

# Rectangle

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



4292655508



4290102680



4287874538



4291148005

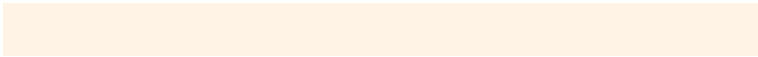


# Sweetspot

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



4292655508



4294964198



4292646072



4286609520



4278190080



4286611584



# Same Dimension

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



4292655508



4294954908



4292664468



4285425763



4289550592



4281210880

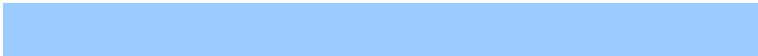


# Inverse Universe

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



4287936476



4288466175



4287927516



4284704878



4278211757



4278195758



# Previews

## White Background



This preview shows how the Android color 4292655508 looks on a white background.

## Color Contrast Check

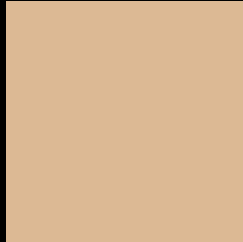
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292655508 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

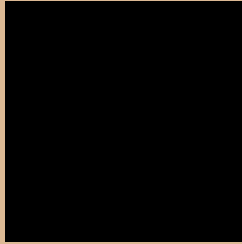
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4292655508 Background



This preview shows how black text looks on a background with the Android color 4292655508.



This preview shows how white text looks on a background with the Android color 4292655508.

# 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**  
4292655508

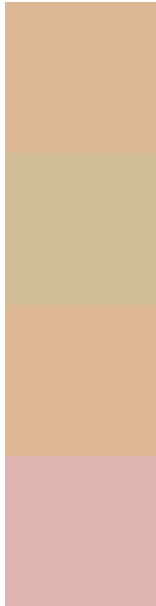
**Protanopia**  
4291542935

**Deuteranopia**  
4292917140



**Tritanopia**  
4292981697

# Trichromacy



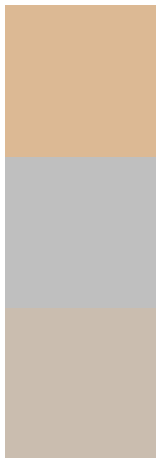
**Original Color**  
4292655508

**Protanomaly**  
4291935638

**Deuteranomaly**  
4292851860

**Tritanomaly**  
4292851121

# Monochromacy



**Original Color**  
4292655508

**Achromatopsia**  
4290756543

**Achromatomaly**  
4291476911

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292655508 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(220, 185, 148)` looks like.

```
.text, #text, p{  
    color:rgb(220, 185, 148)  
}
```

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(220, 185, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 148) }
```

## Border

The CSS property to change the border of an element to Android 4292655508 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(220, 185, 148) }
```

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

```
.border{ border-color:rgb(220, 185, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 185, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 185, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 185, 148);  
box-shadow:4px 4px 4px 4px rgb(220, 185,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4292655508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 185, 148) }
```

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

```
.background{ background-color: rgb(220,  
185, 148) }
```

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