

# Converting Colors

Android(4291773504)

Have a look what the booklet for  
Android(4291773504) contains.

<b>Android(4291773504)</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(4291773504)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF4440
RGB	207, 68, 64
RGB Percent	81%, 27%, 25%
CMY	0.1882, 0.7333, 0.7490
CMYK	0.00, 0.67, 0.69, 0.19
HSL	2°, 60%, 53%
HSV	2°, 69%, 81%
XYZ	28.7247, 17.7698, 6.7664
YIQ	109.1050, 84.1280, 28.2240

# Conversions

## Conversions Part 2

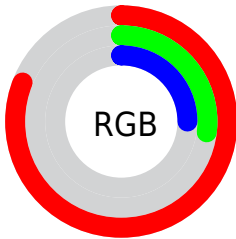
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 68, 64</a>
Decimal	<a href="#">13583424</a>
CIELab	<a href="#">49.22, 54.44, 33.22</a>
CIElCh	<a href="#">49, 63.773, 31.395</a>
Yxy	<a href="#">17.7698, 0.5393, 0.3336</a>
Android (android.graphics.Color)	<a href="#">4291773504</a> (0xFFCF4440)
YUV	<a href="#">109.1050, -22.2368, 85.8539</a>
Hunter-Lab	<a href="#">42.1542, 47.8632, 19.9910</a>

# Details

The Android color **4291773504** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4282436559**, and the grayscale version is **4285361517**.

A 20% lighter version of the original color is **4294933360**, and **4287692821** is the 20% darker color. If you saturate the color by 10%, you get **4291768363**, and if you desaturate by 10%, it is **4291778645**.

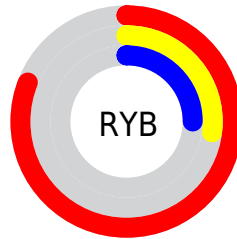
# Distribution



Red (81%)

Green (27%)

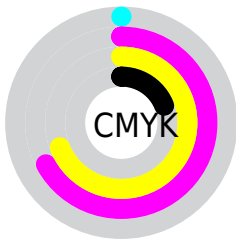
Blue (25%)



Red (81%)

Yellow (27%)

Blue (25%)

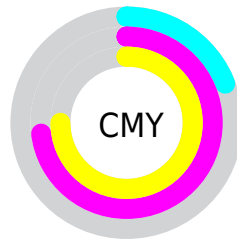


Cyan (0%)

Magenta (67%)

Yellow (69%)

Black (19%)



Cyan (19%)

Magenta (73%)


Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291773504 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 4291773504 by changing the saturation by 10% instead.



 4291773504

 4291773504

4294967295

 4289734186

 4294933360

 4287692821

 4294940554

 4285792256

 4294947748

 4283760640

 4294955199

 4281991170

 4294962651


 4279435264

 4294967288

 4278190080

 4291773504

 4291773504

 4291768363

 4291778645


 4291763223

 4291783785


 4291758082

 4291788926

 4291757568

 4291794067

 4291799464

 4291804604

 4291809745

 4291814886

 4291820026

# Harmonies

## Analogous

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



4291967093



4291773504



4290076168

# Triad

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



4291773504



4278225470



4278221794

# Complementary

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



4291773504



4282436559

# 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.



4278225108



4291773504



4278226294

# Square

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



4291773504



4283728384



4278226348



4285883858

# Rectangle

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



4291773504



4288310528



4278226348



4278223073



# Sweetspot

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



4291773504



4294953929



4291772621



4286603616



4278190080



4286611584



# Same Dimension

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



4291773504



4294914347



4291791424



4285095518



4289201408



4280877312



# Inverse Universe

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



4282436559



4281072127



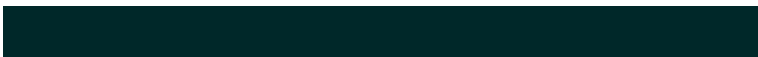
4282418639



4284377193



4278232232

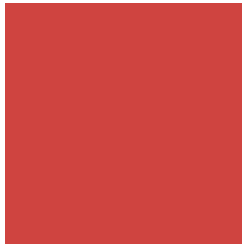


4278200361



# Previews

## White Background



This preview shows how the Android color 4291773504 looks on a white background.

## Color Contrast Check

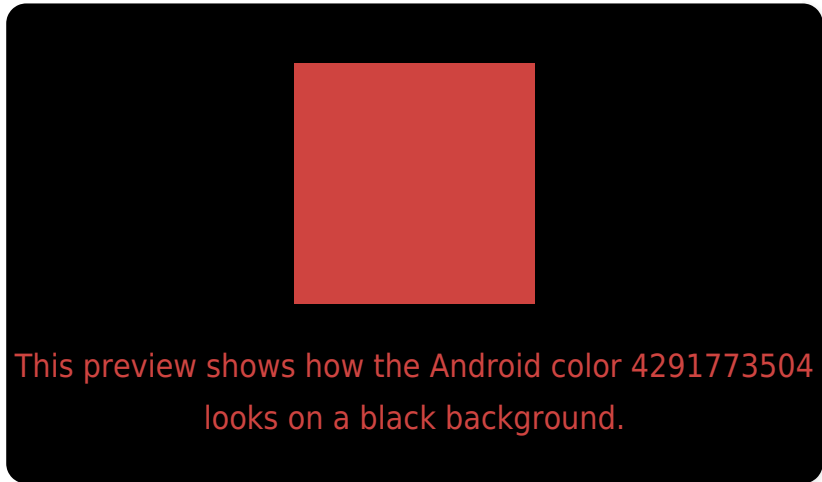
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 × Fail

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



# Android 4291773504 Background



This preview shows how black text looks on a background with the Android color 4291773504.



This preview shows how white text looks on a background with the Android color 4291773504.

# 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**  
4291773504

**Protanopia**  
4286543442

**Deuteranopia**  
4287721528



# Trichromacy



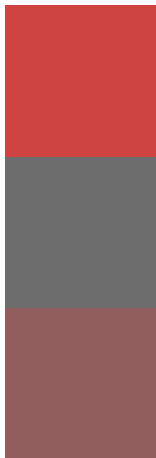
**Original Color**  
4291773504

**Protanomaly**  
4288439371

**Deuteranomaly**  
4289224763

**Tritanomaly**  
4291773252

# Monochromacy



**Original Color**  
4291773504

**Achromatopsia**  
4285361517

**Achromatomaly**  
4287716957

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291773504 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(207, 68, 64)` looks like.

```
.text, #text, p{  
    color:rgb(207, 68, 64)  
}
```

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(207, 68, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 68, 64) }
```

## Border

The CSS property to change the border of an element to Android 4291773504 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(207, 68, 64) }
```

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

```
.border{ border-color:rgb(207, 68, 64) }
```

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

Here you see how a box with a 4 pixel rgb(207, 68, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 68, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 68, 64);  
box-shadow:4px 4px 4px 4px rgb(207, 68,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4291773504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 68, 64) }
```

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

```
.background{ background-color: rgb(207, 68,  
64) }
```

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