

# Converting Colors

Android(4292091220)

Have a look what the booklet for  
Android(4292091220) contains.

<b>Android(4292091220)</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(4292091220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D41D54
RGB	212, 29, 84
RGB Percent	83%, 11%, 33%
CMY	0.1686, 0.8863, 0.6706
CMYK	0.00, 0.86, 0.60, 0.17
HSL	342°, 76%, 47%
HSV	342°, 86%, 83%
XYZ	29.1910, 15.5159, 9.8438
YIQ	89.9870, 91.4130, 55.9010

# Conversions

## Conversions Part 2

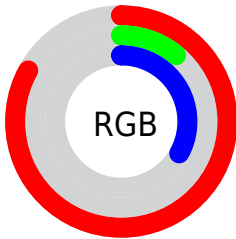
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 29, 84
Decimal	13901140
CIE <sub>Lab</sub>	46.33, 68.67, 17.71
CIE <sub>LCh</sub>	46, 70.915, 14.460
Yxy	15.5159, 0.5351, 0.2844
Android (android.graphics.Color)	4292091220 (0xFFD41D54)
YUV	89.9870, -2.9516, 107.0054
Hunter-Lab	39.3902, 63.3486, 12.7562

# Details

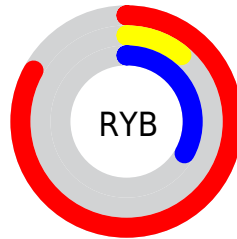
The Android color **4292091220** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **4280145053**, and the grayscale version is **4284111450**.

A 20% lighter version of the original color is **4294926981**, and **4288020520** is the 20% darker color. If you saturate the color by 10%, you get **4292085829**, and if you desaturate by 10%, it is **4292096611**.

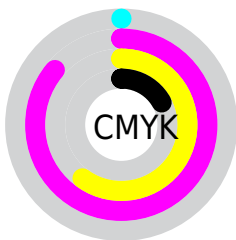
# Distribution



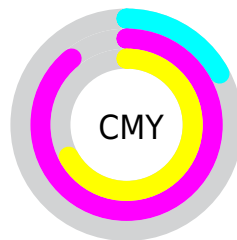
- Red (83%)
- Green (11%)
- Blue (33%)



- Red (83%)
- Yellow (11%)
- Blue (33%)



- Cyan (0%)
- Magenta (86%)
- Yellow (60%)
- Black (17%)



- Cyan (17%)
- Magenta (89%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292091220 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 4292091220 by changing the saturation by 10% instead.



 4292091220

 4292091220

4294967295

 4290052157

 4294926981

 4288020520

 4294934431

 4285988884

 4294941882

 4284022786

 4294949590

 4282122243

 4294957042

 4279566336

 4294964735

 4278190080

 4292091220

 4292091220

 4292085829

 4292096611

■ 4292083776

■ 4292102002

■ 4292107648

■ 4292113039

■ 4292118430

■ 4292123821

■ 4292129212

■ 4292134859

■ 4292140249

# Harmonies

## Analogous

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



4291176335



4292091220



4291051801

# Triad

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



4292091220



4279664640



4278222561

# Complementary

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



4292091220



4280145053

# 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.



4278224577



4292091220



4278224204

# Square

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



4292091220



4285232128



4278224778



4278217955

# Rectangle

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



4292091220



4289549824



4278224778



4278223322



# Sweetspot

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



4292091220



4294950353



4288290260



4286601316



4278190080



4286611584



# Same Dimension

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



4292091220



4294901837



4292099869



4285227108



4289396787



4281008141



# Inverse Universe

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



4292091220



4294901837



4280136404



4285227108



4289396787



4281008141



# Previews

## White Background



This preview shows how the Android color 4292091220 looks on a white background.

## Color Contrast Check

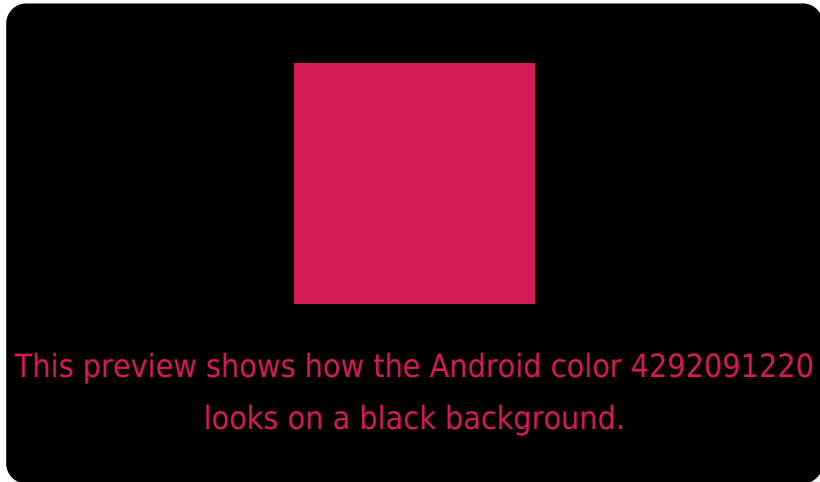
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 4292091220 Background



This preview shows how black text looks on a background with the Android color 4292091220.



This preview shows how white text looks on a background with the Android color 4292091220.

# 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



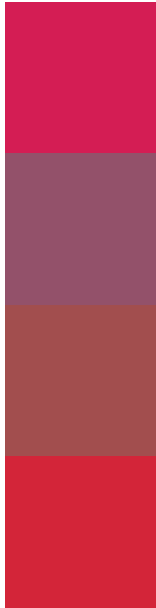
**Original Color**  
4292091220

**Protanopia**  
4285427319

**Deuteranopia**  
4286933579



# Trichromacy



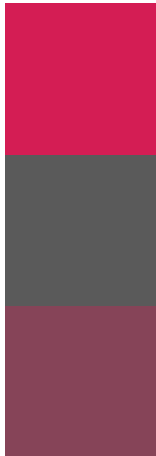
**Original Color**  
4292091220

**Protanomaly**  
4287844714

**Deuteranomaly**  
4288826958

**Tritanomaly**  
4292027705

# Monochromacy



**Original Color**  
4292091220

**Achromatopsia**  
4284111450

**Achromatomaly**  
4286989400

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292091220 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(212, 29, 84)` looks like.

```
.text, #text, p{  
    color:rgb(212, 29, 84)  
}
```

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(212, 29, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 29, 84) }
```

## Border

The CSS property to change the border of an element to Android 4292091220 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(212, 29, 84) }
```

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

```
.border{ border-color:rgb(212, 29, 84) }
```

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

Here you see how a box with a 4 pixel rgb(212, 29, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 29, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 29, 84);  
box-shadow:4px 4px 4px 4px rgb(212, 29,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4292091220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 29, 84) }
```

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

```
.background{ background-color: rgb(212, 29,  
84) }
```

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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