

# Converting Colors

Android(4290776085)

Have a look what the booklet for  
Android(4290776085) contains.

<b>Android(4290776085)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4290776085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C00C15
RGB	192, 12, 21
RGB Percent	75%, 5%, 8%
CMY	0.2471, 0.9529, 0.9176
CMYK	0.00, 0.94, 0.89, 0.25
HSL	357°, 88%, 40%
HSV	357°, 94%, 75%
XYZ	22.0051, 11.5236, 1.7739
YIQ	66.8460, 104.3910, 40.9590

# Conversions

## Conversions Part 2

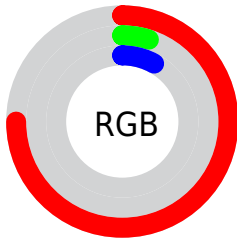
Format	Color
<a href="#">RYB</a>	<a href="#">192, 12, 21</a>
Decimal	<a href="#">12586005</a>
CIELab	<a href="#">40.45, 63.71, 46.62</a>
CIElCh	<a href="#">40, 78.944, 36.199</a>
Yxy	<a href="#">11.5236, 0.6233, 0.3264</a>
Android (android.graphics.Color)	<a href="#">4290776085 (0xFFC00C15)</a>
YUV	<a href="#">66.8460, -22.6021, 109.7601</a>
Hunter-Lab	<a href="#">33.9464, 56.3030, 20.6641</a>

# Details

The Android color **4290776085** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4279025847**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4294923843**, and **4286578688** is the 20% darker color. If you saturate the color by 10%, you get **4290773002**, and if you desaturate by 10%, it is **4290780967**.

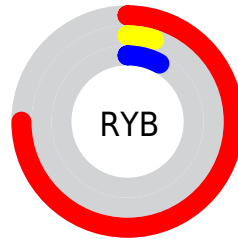
# Distribution



Red (75%)

Green (5%)

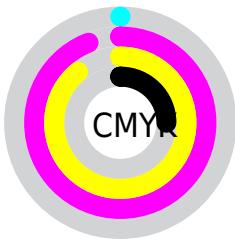
Blue (8%)



Red (75%)

Yellow (5%)

Blue (8%)

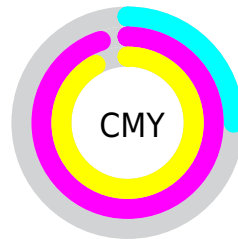


Cyan (0%)

Magenta (94%)

Yellow (89%)

Black (25%)



Cyan (25%)

Magenta (95%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290776085 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 4290776085 by changing the saturation by 10% instead.





4290776085



4290776085

4294967294



4288675840



4294923843



4286578688



4294931291



4284547072



4294938484



4282712067



4294945934



4280549377



4294953385



4278190080



4294961093



4294967265



4290776085



4290776085

■ 4290773002

■ 4290780967

■ 4290785849

■ 4290790988

■ 4290795870

■ 4290800752

■ 4290805634

■ 4290810517

■ 4290815655

■ 4290820537

# Harmonies

## Analogous

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



4291493973



4290776085



4288497408

# Triad

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



4290776085



4278220326



4278216163

# Complementary

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



4290776085



4279025847

# 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.



4278219991



4290776085



4278221164

# Square

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



4290776085



4279660288



4278221227



4285089226

# Rectangle

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



4290776085



4286339584



4278221227



4278217699



# Sweetspot

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



4290776085



4294620343



4290186432



4286403157



4294769916



4286414205



# Same Dimension

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



4290776085



4294574092



4290796812



4284569432



4288741384



4280352770



# Inverse Universe

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



4290776085



4294574092



4279005120



4284569432



4288741384



4280352770



# Previews

## White Background



This preview shows how the Android color 4290776085 looks on a white background.

## Color Contrast Check

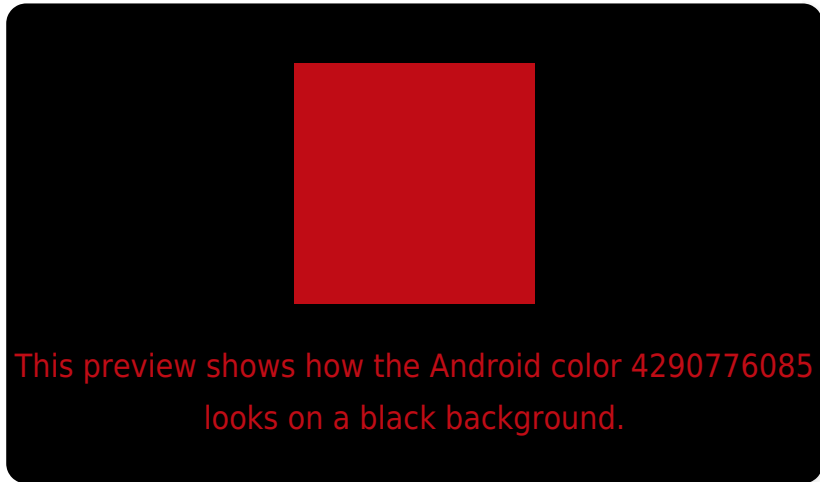
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290776085 Background



This preview shows how black text looks on a background with the Android color 4290776085.



This preview shows how white text looks on a background with the Android color 4290776085.

# 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



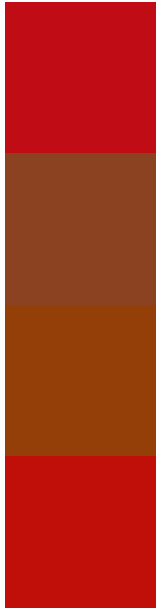
**Original Color**  
4290776085

**Protanopia**  
4285292838

**Deuteranopia**  
4286274560



# Trichromacy



**Original Color**  
4290776085

**Protanomaly**  
4287316512

**Deuteranomaly**  
4287905544

**Tritanomaly**  
4290711304

# Monochromacy



**Original Color**  
4290776085

**Achromatopsia**  
4282598211

**Achromatomaly**  
4285542194

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290776085 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(192, 12, 21)` looks like.

```
.text, #text, p{  
    color:rgb(192, 12, 21)  
}
```

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(192, 12, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 12, 21) }
```

## Border

The CSS property to change the border of an element to Android 4290776085 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(192, 12, 21) }
```

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

```
.border{ border-color:rgb(192, 12, 21) }
```

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

Here you see how a box with a 4 pixel rgb(192, 12, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 12, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 12, 21);  
box-shadow:4px 4px 4px 4px rgb(192, 12,  
21) }
```

# Background

The CSS property to change the background color of an element to Android 4290776085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 12, 21) }
```

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

```
.background{ background-color: rgb(192, 12,  
21) }
```

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