

# Converting Colors

Android(4282754091)

Have a look what the booklet for  
Android(4282754091) contains.

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# Color

**Android(4282754091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	45A42B
RGB	69, 164, 43
RGB Percent	27%, 64%, 17%
CMY	0.7294, 0.3569, 0.8314
CMYK	0.58, 0.00, 0.74, 0.36
HSL	107°, 58%, 41%
HSV	107°, 74%, 64%
XYZ	16.1657, 27.9905, 6.8362
YIQ	121.8010, -17.7790, -57.7710

# Conversions

## Conversions Part 2

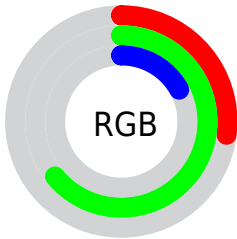
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 164, 138
Decimal	4564011
CIELab	59.88, -50.04, 51.34
CIELCh	60, 71.692, 134.268
Yxy	27.9905, 0.3170, 0.5489
Android (android.graphics.Color)	4282754091 (0xFF45A42B)
YUV	121.8010, -38.8489, -46.3065
Hunter-Lab	52.9061, -38.0440, 29.3732

# Details

The Android color `4282754091` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4287245220`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4286569568`, and `4278218496` is the 20% darker color. If you saturate the color by 10%, you get `4281902107`, and if you desaturate by 10%, it is `4283606075`.

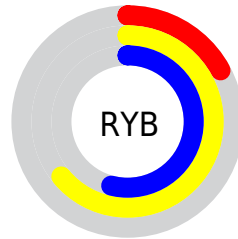
# Distribution



Red (27%)

Green (64%)

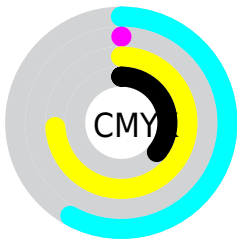
Blue (17%)



Red (17%)

Yellow (64%)

Blue (54%)

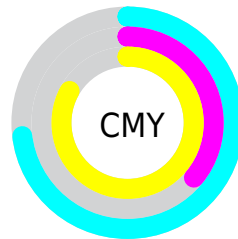


Cyan (58%)

Magenta (0%)

Yellow (74%)

Black (36%)



Cyan (73%)

Magenta (36%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282754091 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 4282754091 by changing the saturation by 10% instead.



 4282754091

 4282754091

4294967295

 4280584457

 4286569568

 4278218496

 4288477563

 4278212096

 4290379670

 4278205696

 4292280242

 4278200320


 4294246350

 4278190080

 4294967275

 4282754091

 4282754091

 4281902107

 4283606075

■ 4281050122

■ 4284458060

■ 4280525824

■ 4285310044

■ 4286162029

■ 4286948477

■ 4287800461

■ 4288652446

■ 4289504430

■ 4290356415

# Harmonies

## Analogous

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



4287731456



4282754091



4278233964

# Triad

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



4282754091



4278231551



4294921589

# Complementary

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



4282754091



4287245220

# 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.



4293940148



4282754091



4281634559

# Square

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



4282754091



4278233831



4290277868



4293944634

# Rectangle

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



4282754091



4278234520



4290277868



4294921098



# Sweetspot

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



4282754091



4289844903



4288973355



4283788111



4293651435



4285229931



# Same Dimension

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



4282754091



4282504728



4281050189



4283126345



4280258816



4278456832



# Inverse Universe

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



4287245220



4289534166



4288949122



4283451730



4285661329



4279107602



# Previews

## White Background



This preview shows how the Android color 4282754091 looks on a white background.

## Color Contrast Check

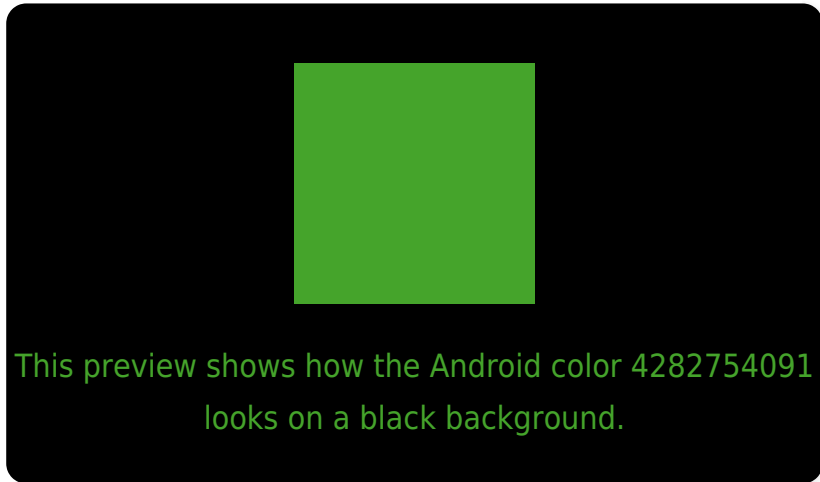
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 4282754091 Background



This preview shows how black text looks on a background with the Android color 4282754091.



This preview shows how white text looks on a background with the Android color 4282754091.

# 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**  
4282754091

**Protanopia**  
4288778278

**Deuteranopia**  
4289955894



# Trichromacy



**Original Color**  
4282754091



**Protanomaly**  
4286617384



**Deuteranomaly**  
4287337010



**Tritanomaly**  
4283800953

# Monochromacy



**Original Color**  
4282754091



**Achromatopsia**  
4286216826



**Achromatomaly**  
4284975453

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282754091 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(69, 164, 43)` looks like.

```
.text, #text, p{  
    color:rgb(69, 164, 43)  
}
```

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(69, 164, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 164, 43) }
```

## Border

The CSS property to change the border of an element to Android 4282754091 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(69, 164, 43) }
```

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

```
.border{ border-color:rgb(69, 164, 43) }
```

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

Here you see how a box with a 4 pixel rgb(69, 164, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 164, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 164, 43);  
box-shadow:4px 4px 4px 4px rgb(69, 164,  
43) }
```

# Background

The CSS property to change the background color of an element to Android 4282754091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 164, 43) }
```

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

```
.background{ background-color: rgb(69, 164,  
43) }
```

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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