

# Converting Colors

Android(4282207733)

Have a look what the booklet for  
Android(4282207733) contains.

<b>Android(4282207733)</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(4282207733)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D4DF5
RGB	61, 77, 245
RGB Percent	24%, 30%, 96%
CMY	0.7608, 0.6980, 0.0392
CMYK	0.75, 0.69, 0.00, 0.04
HSL	235°, 90%, 60%
HSV	235°, 75%, 96%
XYZ	21.0598, 12.8924, 87.7647
YIQ	91.3680, -63.4640, 48.8560

# Conversions

## Conversions Part 2

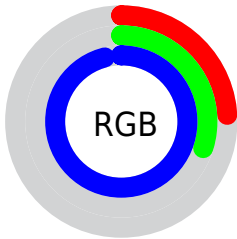
Format	Color
R <sub>Y</sub> B	61, 76, 245
Decimal	4017653
CIE Lab	42.60, 49.97, -85.09
CIE LCh	43, 98.681, 300.422
Yxy	12.8924, 0.1730, 0.1059
Android (android.graphics.Color)	4282207733 (0xFF3D4DF5)
YUV	91.3680, 75.7406, -26.6327
Hunter-Lab	35.9060, 41.8591, -119.7877

# Details

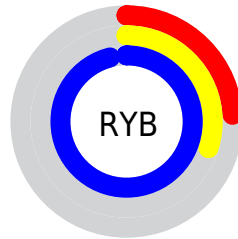
The Android color `4282207733` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark washed blue. A complement of this color would be `4294305085`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4287070207`, and `4278198459` is the 20% darker color. If you saturate the color by 10%, you get `4280563701`, and if you desaturate by 10%, it is `4283851765`.

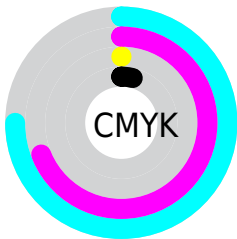
# Distribution



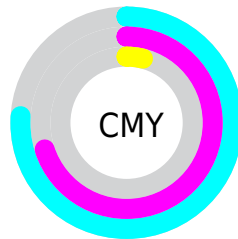
- Red (24%)
- Green (30%)
- Blue (96%)



- Red (24%)
- Yellow (30%)
- Blue (96%)



- Cyan (75%)
- Magenta (69%)
- Yellow (0%)
- Black (4%)



- Cyan (76%)
- Magenta (70%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282207733 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 4282207733 by changing the saturation by 10% instead.



 4282207733

 4282207733

4294967295

 4278204120

 4287070207

 4278198459

 4289174015

 4278193311

 4291278079

 4278190212

 4293316863

 4278191210

 4294962431

 4278192977

 4278191417

 4278190626

 4278190088

■ 4282207733

■ 4282207733

■ 4280563701

■ 4283851765

■ 4278984949

■ 4285430517

■ 4278195701

■ 4287009013

■ 4288653045

■ 4290231797

■ 4291875829

■ 4293520117

■ 4294967285

# Harmonies

## Analogous

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



4278219519



4282207733



4290773175

# Triad

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



4282207733



4290197760



4278223204

# Complementary

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



4282207733



4294305085

# 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.



4278222336



4282207733



4286210816

# Square

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



4282207733



4292804632



4279531008



4278223799

# Rectangle

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



4282207733



4292870274



4279531008



4278222919



# Sweetspot

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



4282207733



4291086847



4282250723



4284243840



4278190080



4286611584



# Same Dimension

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



4282207733



4279840255



4287053301



4285427578



4278194362



4278191419



# Inverse Universe

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



4294262093



4294908205



4289459517



4286213743



4290379792

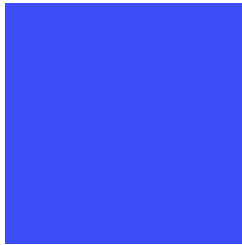


4282056709



# Previews

## White Background



This preview shows how the Android color 4282207733 looks on a white background.

## Color Contrast Check

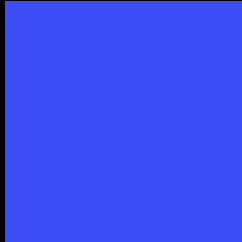
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4282207733 looks on a 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 4282207733 Background



This preview shows how black text looks on a background with the Android color 4282207733.



This preview shows how white text looks on a background with the Android color 4282207733.

# 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**  
4282207733

**Protanopia**  
4278214859

**Deuteranopia**  
4278216365



# Trichromacy



**Original Color**  
4282207733

**Protanomaly**  
4279654874

**Deuteranomaly**  
4279655879

**Tritanomaly**  
4279657380

# Monochromacy



**Original Color**  
4282207733

**Achromatopsia**  
4284177243

**Achromatomaly**  
4283455123

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282207733 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(61, 77, 245)` looks like.

```
.text, #text, p{  
    color:rgb(61, 77, 245)  
}
```

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(61, 77, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 77, 245) }
```

## Border

The CSS property to change the border of an element to Android 4282207733 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(61, 77, 245) }
```

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

```
.border{ border-color:rgb(61, 77, 245) }
```

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

Here you see how a box with a 4 pixel rgb(61, 77, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 77, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 77, 245);  
box-shadow:4px 4px 4px 4px rgb(61, 77,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4282207733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 77, 245) }
```

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

```
.background{ background-color: rgb(61, 77,  
245) }
```

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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