

Converting Colors

Android(4282206704)

Have a look what the booklet for
Android(4282206704) contains.

Android(4282206704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282206704)

Conversions

Conversions Part 1

Format	Color
Hex	3D49F0
RGB	61, 73, 240
RGB Percent	24%, 29%, 94%
CMY	0.7608, 0.7137, 0.0588
CMYK	0.75, 0.70, 0.00, 0.06
HSL	236°, 86%, 59%
HSV	236°, 75%, 94%
XYZ	20.0352, 12.0485, 83.7077
YIQ	88.4500, -60.7590, 49.3930

Conversions

Conversions Part 2

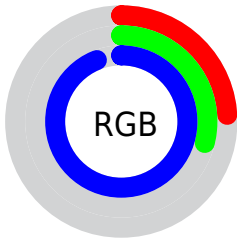
Format	Color
R _Y B	61, 72, 240
Decimal	4016624
CIE Lab	41.29, 50.62, -84.44
CIE LCh	41, 98.445, 300.941
Yxy	12.0485, 0.1730, 0.1041
Android (android.graphics.Color)	4282206704 (0xFF3D49F0)
YUV	88.4500, 74.7142, -24.0737
Hunter-Lab	34.7109, 42.2865, -118.6843

Details

The Android color `4282206704` 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 `4293977149`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4287003647`, and `4278197430` is the 20% darker color. If you saturate the color by 10%, you get `4280628208`, and if you desaturate by 10%, it is `4283785200`.

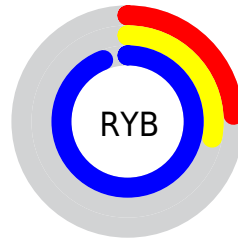
Distribution



Red (24%)

Green (29%)

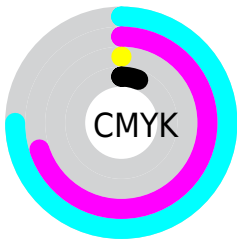
Blue (94%)



Red (24%)

Yellow (28%)

Blue (94%)

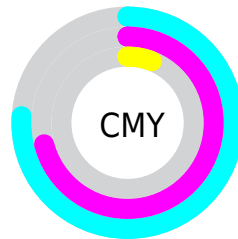


Cyan (75%)

Magenta (70%)

Yellow (0%)

Black (6%)



Cyan (76%)

Magenta (71%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282206704 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 4282206704 by changing the saturation by 10% instead.

 4282206704

 4282206704

4294967295

 4278203091

 4287003647

 4278197430

 4289107455

 4278192027

 4291211519

 4278190208

 4293250047

 4278191974

 4294961407

 4278192460

 4278191413

 4278190623

 4278190081

■ 4282206704

■ 4282206704

■ 4280628208

■ 4283785200

■ 4279049456

■ 4285363952

■ 4278194416

■ 4286942448

■ 4288521200

■ 4290099696

■ 4291678192

■ 4293256944

■ 4294835440

■ 4294967280

Harmonies

Analogous

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



4278218495



4282206704



4290576562

Triad

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



4282206704



4289869312



4278222434

Complementary

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



4282206704



4293977149

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.



4278221312



4282206704



4285882368

Square

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



4282206704



4292476948



4278481664



4278222772

Rectangle

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



4282206704



4292608126



4278481664



4278222149

Sweetspot

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



4282206704



4291283967



4282249441



4284375424



4278190080



4286611584

Same Dimension

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



4282206704



4279839231



4287118832



4285295992



4278193336



4278191160

Inverse Universe

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



4293934409



4294908201



4289065021



4286082157



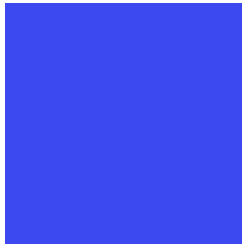
4290248716



4281860100

Previews

White Background



This preview shows how the Android color 4282206704 looks on a white background.

Color Contrast Check

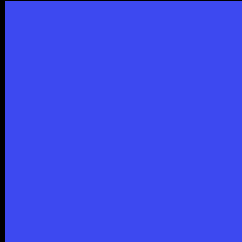
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282206704 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 4282206704 Background



This preview shows how black text looks on a background with the Android color 4282206704.



This preview shows how white text looks on a background with the Android color 4282206704.

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

4282206704

Protanopia

4278214084

Deuteranopia

4278215592

Trichromacy



Original Color
4282206704

Protanomaly
4279654100

Deuteranomaly
4279655106

Tritanomaly
4279656352

Monochromacy



Original Color
4282206704

Achromatopsia
4283979864

Achromatomaly
4283323279

CSS Examples

Text

The CSS property to change the color of the text to Android 4282206704 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, 73, 240)` looks like.

```
.text, #text, p{  
    color:rgb(61, 73, 240)  
}
```

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, 73, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 73, 240) }
```

Border

The CSS property to change the border of an element to Android 4282206704 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, 73, 240) }
```

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

```
.border{ border-color:rgb(61, 73, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 73, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 73, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 73, 240);  
box-shadow:4px 4px 4px 4px rgb(61, 73,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4282206704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 73, 240) }
```

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

```
.background{ background-color: rgb(61, 73,  
240) }
```

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