

Converting Colors

Android(4282007768)

Have a look what the booklet for
Android(4282007768) contains.

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Color

Android(4282007768)

Conversions

Conversions Part 1

Format	Color
Hex	3A40D8
RGB	58, 64, 216
RGB Percent	23%, 25%, 85%
CMY	0.7725, 0.7490, 0.1529
CMYK	0.73, 0.70, 0.00, 0.15
HSL	238°, 67%, 54%
HSV	238°, 73%, 85%
XYZ	15.9730, 9.5242, 65.9622
YIQ	79.5340, -52.3680, 46.0000

Conversions

Conversions Part 2

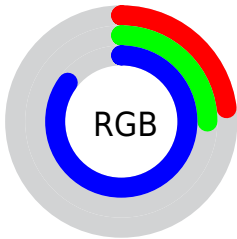
Format	Color
R_{YB}	58, 64, 216
Decimal	3817688
CIE _{Lab}	36.97, 47.58, -77.89
CIE _{LCh}	37, 91.277, 301.420
Yxy	9.5242, 0.1746, 0.1041
Android (android.graphics.Color)	4282007768 (0xFF3A40D8)
YUV	79.5340, 67.2777, -18.8853
Hunter-Lab	30.8613, 38.3796, -105.1222

Details

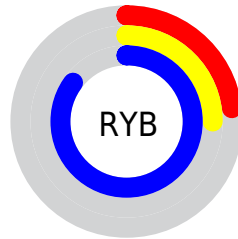
The Android color `4282007768` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4292399674`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4286542335`, and `4278195104` is the 20% darker color. If you saturate the color by 10%, you get `4280560600`, and if you desaturate by 10%, it is `4283454936`.

Distribution



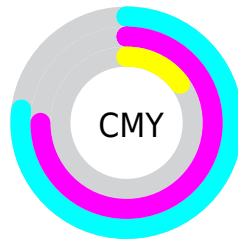
- Red (23%)
- Green (25%)
- Blue (85%)



- Red (23%)
- Yellow (25%)
- Blue (85%)



- Cyan (73%)
- Magenta (70%)
- Yellow (0%)
- Black (15%)



- Cyan (77%)
- Magenta (75%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282007768 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 4282007768 by changing the saturation by 10% instead.

 4282007768

 4282007768

4294967295

 4278200764

 4286542335

 4278195104

 4288646143

 4278190469

 4290684415

 4278190186

 4292657663

 4278192977

 4294696447

 4278191417

 4294966015

 4278190627

 4278190089

 4278190080

■ 4282007768

■ 4282007768

■ 4280560600

■ 4283454936

■ 4279178968

■ 4284836568

■ 4278192344

■ 4286283480

■ 4287665112

■ 4289112280

■ 4290559448

■ 4291940824

■ 4293387992

■ 4294769624

Harmonies

Analogous

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



4278215407



4282007768



4289462431

Triad

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



4282007768



4288688384



4278219097

Complementary

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



4282007768



4292399674

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.



4278218240



4282007768



4285027840

Square

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



4282007768



4291100687



4278216448



4278219427

Rectangle

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



4282007768



4291231856



4278216448



4278218815

Sweetspot

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



4282007768



4291283455



4282046672



4284375168



4278190080



4286611584

Same Dimension

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



4282007768



4280231935



4286659288



4284506475



4278191787



4278190635

Inverse Universe

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



4292360768



4294909735



4287748154



4285227105



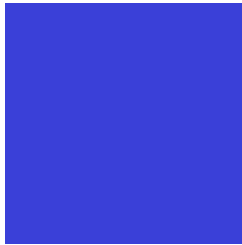
4289396742



4281008130

Previews

White Background



This preview shows how the Android color 4282007768 looks on a white background.

Color Contrast Check

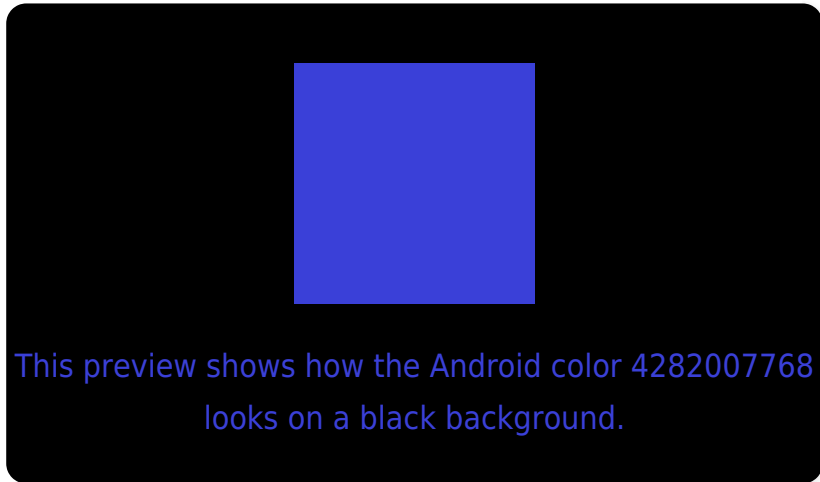
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

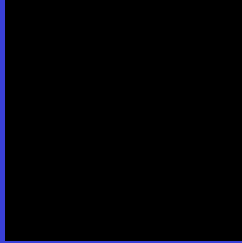
Any Text WCAG AA × Fail

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 4282007768 Background



This preview shows how black text looks on a background with the Android color 4282007768.



This preview shows how white text looks on a background with the Android color 4282007768.

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

4282007768

Protanopia

4278211504

Deuteranopia

4278213014

Trichromacy



Original Color
4282007768

Protanomaly
4279585983

Deuteranomaly
4279586990

Tritanomaly
4279587983

Monochromacy



Original Color
4282007768

Achromatopsia
4283453520

Achromatomaly
4282927745

CSS Examples

Text

The CSS property to change the color of the text to Android 4282007768 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(58, 64, 216)` looks like.

```
.text, #text, p{  
    color:rgb(58, 64, 216)  
}
```

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(58, 64, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 64, 216) }
```

Border

The CSS property to change the border of an element to Android 4282007768 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(58, 64, 216) }
```

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

```
.border{ border-color:rgb(58, 64, 216) }
```

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

Here you see how a box with a 4 pixel rgb(58, 64, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 64, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 64, 216);  
box-shadow:4px 4px 4px 4px rgb(58, 64,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4282007768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 64, 216) }
```

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

```
.background{ background-color: rgb(58, 64,  
216) }
```

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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