

Converting Colors

Android(4282413216)

Have a look what the booklet for
Android(4282413216) contains.

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Color

Android(4282413216)

Conversions

Conversions Part 1

Format	Color
Hex	4070A0
RGB	64, 112, 160
RGB Percent	25%, 44%, 63%
CMY	0.7490, 0.5608, 0.3725
CMYK	0.60, 0.30, 0.00, 0.37
HSL	210°, 43%, 44%
HSV	210°, 60%, 63%
XYZ	14.2537, 15.2164, 35.4435
YIQ	103.1200, -44.0160, 4.7520

Conversions

Conversions Part 2

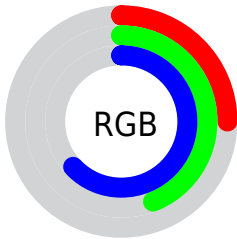
Format	Color
R_{YB}	64, 96, 160
Decimal	4223136
CIE _{Lab}	45.93, -1.29, -30.81
CIE _{LCh}	46, 30.833, 267.598
Yxy	15.2164, 0.2196, 0.2344
Android (android.graphics.Color)	4282413216 (0xFF4070A0)
YUV	103.1200, 28.0418, -34.3082
Hunter-Lab	39.0082, -3.0400, -26.5662

Details

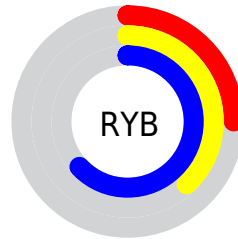
The Android color `4282413216` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288704576`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4286031063`, and `4278206828` is the 20% darker color. If you saturate the color by 10%, you get `4281362592`, and if you desaturate by 10%, it is `4283463840`.

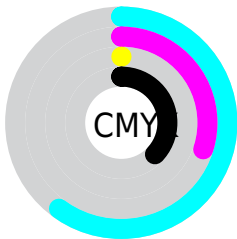
Distribution



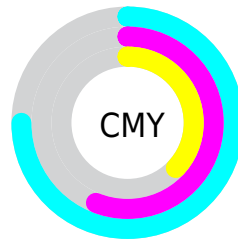
- Red (25%)
- Green (44%)
- Blue (63%)



- Red (25%)
- Yellow (38%)
- Blue (63%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282413216 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 4282413216 by changing the saturation by 10% instead.

■ 4282413216

■ 4282413216

4294967295

■ 4280375430

■ 4286031063

■ 4278206828

■ 4287873012

■ 4278201172

■ 4289714943

■ 4278196028

■ 4291622911

■ 4278190886

■ 4293525503

■ 4278190351

■ 4278190080

■ 4282413216

■ 4282413216

■ 4281362592

■ 4283463840

■ 4280311968

■ 4284514464

■ 4279261344

■ 4285565088

■ 4278210720

■ 4286615712

■ 4287666336

■ 4288716960

■ 4289767584

■ 4290818208

■ 4291868832

Harmonies

Analogous

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



4278220696



4282413216



4285294490

Triad

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



4282413216



4288567894



4282808400

Complementary

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



4282413216



4288704576

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.



4284838462



4282413216



4287848770

Square

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



4282413216



4288436336



4286540600



4279990890

Rectangle

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



4282413216



4286734480



4286540600



4283528777

Sweetspot

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



4282413216



4289445585



4282425456



4283587945



4293454056



4285098345

Same Dimension

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



4282413216



4282091217



4282400928



4282862415



4278208399



4278192143

Inverse Universe

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



4288692336



4291902342



4288716864



4283385675



4287561799



4279173128

Previews

White Background



This preview shows how the Android color 4282413216 looks on a white background.

Color Contrast Check

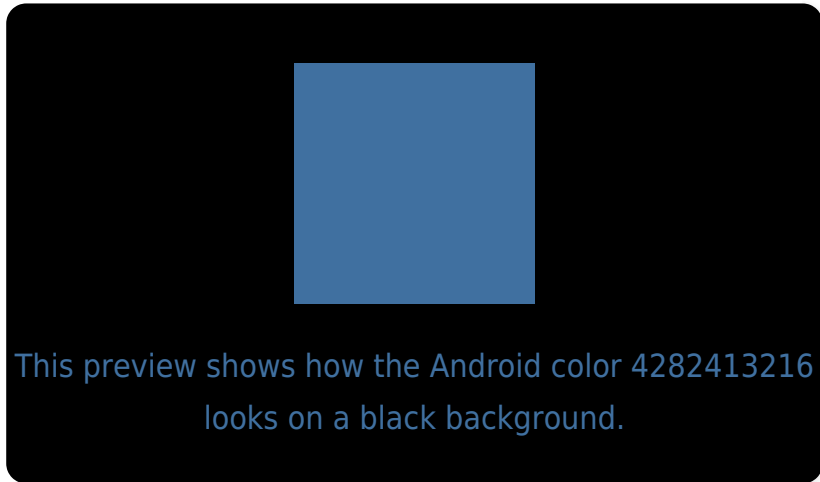
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282413216 Background



This preview shows how black text looks on a background with the Android color 4282413216.

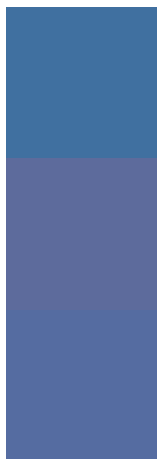


This preview shows how white text looks on a background with the Android color 4282413216.

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

4282413216

Protanopia

4284312476

Deuteranopia

4283788449

Trichromacy



Original Color
4282413216

Protanomaly
4283592093

Deuteranomaly
4283264417

Tritanomaly
4281824396

Monochromacy



Original Color
4282413216

Achromatopsia
4284966759

Achromatomaly
4284050044

CSS Examples

Text

The CSS property to change the color of the text to Android 4282413216 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(64, 112, 160)` looks like.

```
.text, #text, p{  
    color:rgb(64, 112, 160)  
}
```

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(64, 112, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 112, 160) }
```

Border

The CSS property to change the border of an element to Android 4282413216 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(64, 112, 160) }
```

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

```
.border{ border-color:rgb(64, 112, 160) }
```

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

Here you see how a box with a 4 pixel rgb(64, 112, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 112, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 112, 160);  
box-shadow:4px 4px 4px 4px rgb(64, 112,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4282413216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 112, 160) }
```

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

```
.background{ background-color: rgb(64, 112,  
160) }
```

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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