

# Converting Colors

Android(4280042948)

Have a look what the booklet for  
Android(4280042948) contains.

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# Color

**Android(4280042948)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C45C4
RGB	28, 69, 196
RGB Percent	11%, 27%, 77%
CMY	0.8902, 0.7294, 0.2314
CMYK	0.86, 0.65, 0.00, 0.23
HSL	225°, 75%, 44%
HSV	225°, 86%, 77%
XYZ	12.5708, 8.4886, 53.2005
YIQ	71.2190, -65.2030, 30.8050

# Conversions

## Conversions Part 2

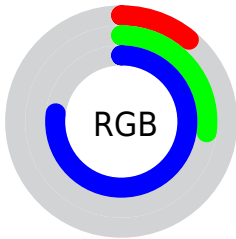
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 61, 196
Decimal	1852868
CIE <sub>Lab</sub>	34.98, 35.01, -69.63
CIE <sub>LCh</sub>	35, 77.931, 296.691
Yxy	8.4886, 0.1693, 0.1143
Android (android.graphics.Color)	4280042948 (0xFF1C45C4)
YUV	71.2190, 61.5170, -37.9031
Hunter-Lab	29.1353, 26.0296, -87.8677

# Details

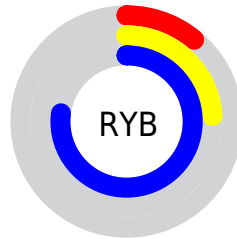
The Android color `4280042948` is a dark color, and the websafe version is hex `003399`. The color can be described as dark washed blue. A complement of this color would be `4291074844`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4285167102`, and `4278197133` is the 20% darker color. If you saturate the color by 10%, you get `4278728388`, and if you desaturate by 10%, it is `4281357508`.

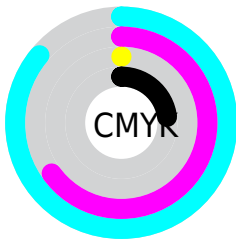
# Distribution



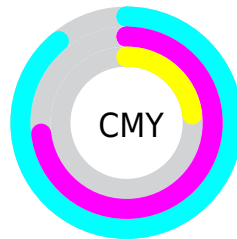
- Red (11%)
- Green (27%)
- Blue (77%)



- Red (11%)
- Yellow (24%)
- Blue (77%)



- Cyan (86%)
- Magenta (65%)
- Yellow (0%)
- Black (23%)



- Cyan (89%)
- Magenta (73%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280042948 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 4280042948 by changing the saturation by 10% instead.



■ 4280042948

■ 4280042948

4294967295

■ 4278202280

■ 4285167102

■ 4278197133

■ 4287205375

■ 4278192243

■ 4289243647

■ 4278190937

■ 4291216639

■ 4278191937

■ 4293255423

■ 4278190890

4294966783

■ 4278190356

■ 4278190080

■ 4280042948

■ 4280042948

■ 4278728388

■ 4281357508

■ 4278202564

■ 4282606532

■ 4283920836

■ 4285169860

■ 4286484420

■ 4287798980

■ 4289048004

■ 4290362564

■ 4291611332

# Harmonies

## Analogous

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



4278214354



4280042948



4287759768

# Triad

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



4280042948



4288163072



4278217033

# Complementary

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



4280042948



4291074844

# 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.



4278216192



4280042948



4285222400

# Square

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



4280042948



4289986592



4281097728



4278217353

# Rectangle

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



4280042948



4289593457



4281097728



4278216755



# Sweetspot

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



4280042948



4290629119



4280075418



4283982464



4278190080



4286611584



# Same Dimension

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



4280042948



4278206207



4282784964



4283914849



4278200225



4278192161



# Inverse Universe

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



4291042373



4294901822



4288332828



4284569434



4288741415



4280352776



# Previews

## White Background



This preview shows how the Android color 4280042948 looks on a white background.

## Color Contrast Check

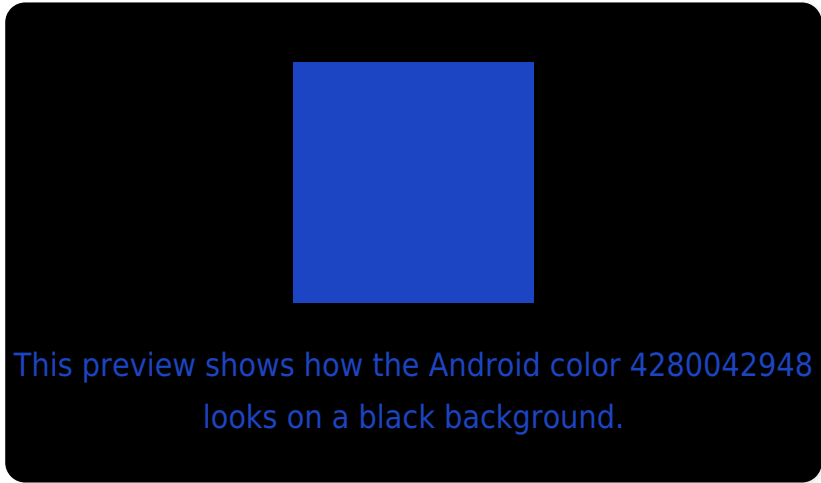
Large Text (above 18pt) WCAG AA ✓ Pass

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

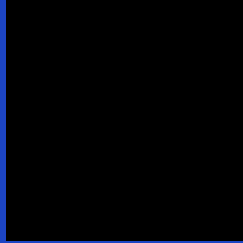
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280042948 Background



This preview shows how black text looks on a background with the Android color 4280042948.



This preview shows how white text looks on a background with the Android color 4280042948.

# 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**  
4280042948

**Protanopia**  
4278210471

**Deuteranopia**  
4278211727



# Trichromacy



**Original Color**

4280042948

**Protanomaly**

4278864818

**Deuteranomaly**

4278865826

**Tritanomaly**

4278866820

# Monochromacy



**Original Color**

4280042948

**Achromatopsia**

4282861383

**Achromatomaly**

4281812596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280042948 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(28, 69, 196)` looks like.

```
.text, #text, p{  
    color:rgb(28, 69, 196)  
}
```

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(28, 69, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 69, 196) }
```

## Border

The CSS property to change the border of an element to Android 4280042948 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(28, 69, 196) }
```

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

```
.border{ border-color:rgb(28, 69, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 69, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 69, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 69, 196);  
box-shadow:4px 4px 4px 4px rgb(28, 69,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4280042948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 69, 196) }
```

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

```
.background{ background-color: rgb(28, 69,  
196) }
```

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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