

# Converting Colors

Android(4278197710)

Have a look what the booklet for  
Android(4278197710) contains.

<b>Android(4278197710)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278197710)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	001DCE
RGB	0, 29, 206
RGB Percent	0%, 11%, 81%
CMY	1.0000, 0.8863, 0.1922
CMYK	1.00, 0.86, 0.00, 0.19
HSL	232°, 100%, 40%
HSV	232°, 100%, 81%
XYZ	11.5799, 5.3350, 58.8119
YIQ	40.5070, -74.1010, 48.8990

# Conversions

## Conversions Part 2

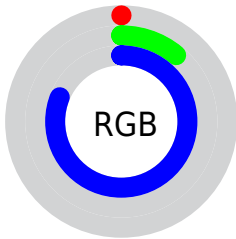
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 25, 206
Decimal	7630
CIE <sub>Lab</sub>	27.67, 59.64, -87.59
CIE <sub>LCh</sub>	28, 105.968, 304.254
Yxy	5.3350, 0.1529, 0.0705
Android (android.graphics.Color)	4278197710 (0xFF001DCE)
YUV	40.5070, 81.5880, -35.5246
Hunter-Lab	23.0975, 49.0702, -134.7985

# Details

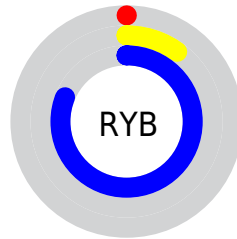
The Android color **4278197710** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **4291735808**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4285157375**, and **4278190230** is the 20% darker color. If you saturate the color by 10%, you get **4278197710**, and if you desaturate by 10%, it is **4279578574**.

# Distribution



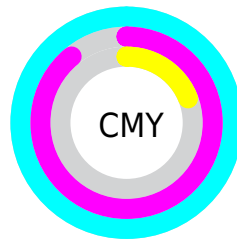
- Red (0%)
- Green (11%)
- Blue (81%)



- Red (0%)
- Yellow (10%)
- Blue (81%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (89%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278197710 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 4278197710 by changing the saturation by 10% instead.



 4278197710

 4278197710

4294967295

 4278190258

 4285157375

 4278190230

 4287326719

 4278190203

 4289430527

 4278192737

 4291469055

 4278192200

 4293573375

 4278191153

 4294956799

 4278190363

 4294964223

 4278190080

 4278197710

 4279578574

 4280893646

 4282274510

 4283589838

 4284970702

 4286351310

 4287666638

 4289047502

 4290362574

# Harmonies

## Analogous

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



4278210541



4278197710



4288807050

# Triad

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



4278197710



4286910464



4278212940

# Complementary

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



4278197710



4291735808

# 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.



4278212352



4278197710



4282860288

# Square

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



4278197710



4289724416



4278211072



4278213790

# Rectangle

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



4278197710



4290445397



4278211072



4278212655



# Sweetspot

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



4278197710



4289969663



4278242991



4283586688



4278190080



4286611584



# Same Dimension

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



4278197710



4278199551



4282908878



4284243302



4278196134



4278191398



# Inverse Universe

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



4291690525



4294901796



4287024640



4284898397



4289069079



4280680453



# Previews

## White Background



This preview shows how the Android color 4278197710 looks on a white background.

## Color Contrast Check

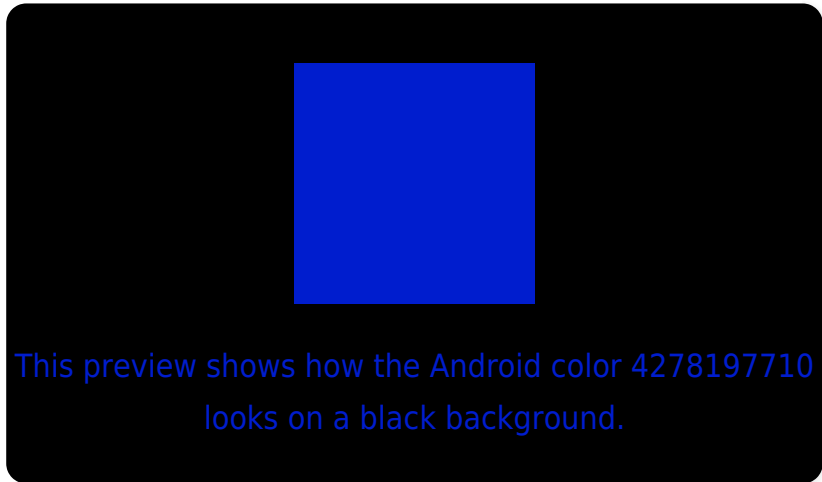
Large Text (above 18pt) WCAG AA ✓ Pass

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

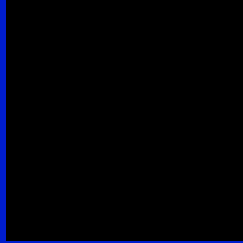
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278197710 Background



This preview shows how black text looks on a background with the Android color 4278197710.



This preview shows how white text looks on a background with the Android color 4278197710.

# 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**  
4278197710

**Protanopia**  
4278206598

**Deuteranopia**  
4278207601



# Trichromacy



**Original Color**  
4278197710

**Protanomaly**  
4278203296

**Deuteranomaly**  
4278204051

**Tritanomaly**  
4278204796

# Monochromacy



**Original Color**  
4278197710

**Achromatopsia**  
4280887593

**Achromatomaly**  
4279903589

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278197710 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(0, 29, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 29, 206)  
}
```

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(0, 29, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 29, 206) }
```

## Border

The CSS property to change the border of an element to Android 4278197710 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(0, 29, 206) }
```

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

```
.border{ border-color:rgb(0, 29, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 29, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 29, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 29, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 29, 206)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278197710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 29, 206) }
```

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

```
.background{ background-color: rgb(0, 29,  
206) }
```

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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