

# Converting Colors

Android(4278201828)

Have a look what the booklet for  
Android(4278201828) contains.

<b>Android(4278201828)</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(4278201828)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	002DE4
RGB	0, 45, 228
RGB Percent	0%, 18%, 89%
CMY	1.0000, 0.8235, 0.1059
CMYK	1.00, 0.80, 0.00, 0.11
HSL	228°, 100%, 45%
HSV	228°, 100%, 89%
XYZ	14.9420, 7.4782, 74.0547
YIQ	52.4070, -85.5630, 47.3730

# Conversions

## Conversions Part 2

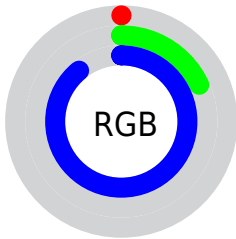
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 38, 228
Decimal	11748
CIE Lab	32.87, 59.20, -91.62
CIE LCh	33, 109.084, 302.867
Yxy	7.4782, 0.1549, 0.0775
Android (android.graphics.Color)	4278201828 (0xFF002DE4)
YUV	52.4070, 86.5673, -45.9609
Hunter-Lab	27.3463, 49.6760, -141.4168

# Details

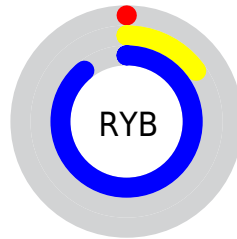
The Android color `4278201828` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4293179136`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4285488895`, and `4278190251` is the 20% darker color. If you saturate the color by 10%, you get `4278201828`, and if you desaturate by 10%, it is `4279713764`.

# Distribution



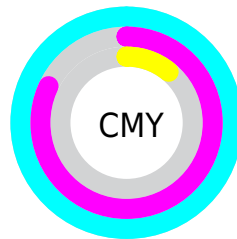
- Red (0%)
- Green (18%)
- Blue (89%)



- Red (0%)
- Yellow (15%)
- Blue (89%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (82%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278201828 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 4278201828 by changing the saturation by 10% instead.



 4278201828

 4278201828

4294967295

 4278195655

 4285488895

 4278190251

 4287723775

 4278190223

 4289893119

 4278190452

 4291997439

 4278193499

 4294101503

 4278191938

 4294960895

 4278190891

 4278190357

 4278190080

 4278201828

 4279713764

 4281225956

 4282672356


 4284184292

 4285696484

 4287208420

 4288720356

 4290166756

 4291678948

# Harmonies

## Analogous

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



4278213887



4278201828



4289790110

# Triad

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



4278201828



4288223744



4278216532

# Complementary

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



4278201828



4293179136

# 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.



4278215936



4278201828



4283977216

# Square

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



4278201828



4291166208



4278214400



4278217388

# Rectangle

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



4278201828



4291756134



4278214400



4278216501



# Sweetspot

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



4278201828



4289970943



4278248630



4283587456



4278190080



4286611584



# Same Dimension

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



4278201828



4278203135



4282646756



4284967539



4278199219



4278192691



# Inverse Universe

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



4293132333



4294901810



4288734208



4285753194



4289921059



4281532426



# Previews

## White Background



This preview shows how the Android color 4278201828 looks on a white background.

## Color Contrast Check

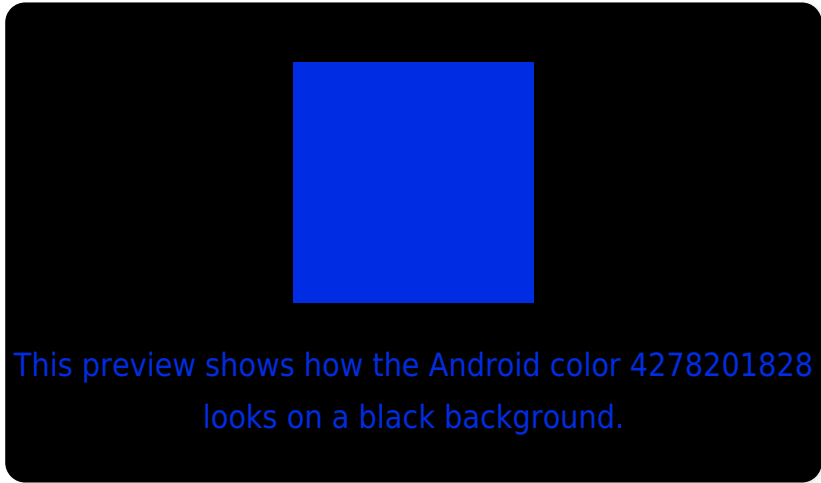
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278201828 Background



This preview shows how black text looks on a background with the Android color 4278201828.



This preview shows how white text looks on a background with the Android color 4278201828.

# 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**

4278201828

**Protanopia**

4278209180

**Deuteranopia**

4278210437



# Trichromacy



**Original Color**  
4278201828

**Protanomaly**  
4278206390

**Deuteranomaly**  
4278207400

**Tritanomaly**  
4278208396

# Monochromacy



**Original Color**  
4278201828

**Achromatopsia**  
4281611316

**Achromatomaly**  
4280365428

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278201828 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, 45, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 228)  
}
```

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, 45, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 228) }
```

## Border

The CSS property to change the border of an element to Android 4278201828 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, 45, 228) }
```

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

```
.border{ border-color:rgb(0, 45, 228) }
```

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

Here you see how a box with a 4 pixel rgb(0, 45, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 228)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278201828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 228) }
```

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

```
.background{ background-color: rgb(0, 45,  
228) }
```

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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