

# Converting Colors

Android(4278190130)

Have a look what the booklet for  
Android(4278190130) contains.

<b>Android(4278190130)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Android(4278190130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	000032
RGB	0, 0, 50
RGB Percent	0%, 0%, 20%
CMY	1.0000, 1.0000, 0.8039
CMYK	1.00, 1.00, 0.00, 0.80
HSL	240°, 100%, 10%
HSV	240°, 100%, 20%
XYZ	0.5757, 0.2303, 3.0317
YIQ	5.7000, -16.0500, 15.5500

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 0, 50
Decimal	50
CIE Lab	2.08, 14.62, -29.45
CIE LCh	2, 32.875, 296.401
Yxy	0.2303, 0.1500, 0.0600
Android (android.graphics.Color)	4278190130 (0xFF000032)
YUV	5.7000, 21.8399, -4.9989
Hunter-Lab	4.7988, 13.0169, -34.0978

# Details

The Android color **4278190130** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4281479680**, and the grayscale version is **4278584838**.

A 20% lighter version of the original color is **4281282657**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278190130**, and if you desaturate by 10%, it is **4278519090**.

# Distribution



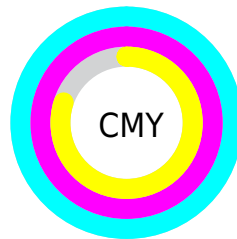
- Red (0%)
- Green (0%)
- Blue (20%)



- Red (0%)
- Yellow (0%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278190130 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 4278190130 by changing the saturation by 10% instead.




 4278190130

 4278190130

 4293452543

 4278190620

 4281282657

 4278190080

 4282861178

 4284505748

 4286215855

 4287992010

 4289768166

 4291610367

 4278190130

■ 4278519090

■ 4278848050

■ 4279177010

■ 4279505970

■ 4279834930

■ 4280163890

■ 4280492850

■ 4280821810

■ 4281150770

# Harmonies

## Analogous

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



4278193462



4278190130



4280483876

# Triad

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



4278190130



4280549376



4278193666

# Complementary

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



4278190130



4281479680

# 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.



4278193664



4278190130



4279240192

# Square

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



4278190130



4281204736



4278193664



4278193951

# Rectangle

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



4278190130



4281073687



4278193664



# Sweetspot

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



4278190130



4281150784



4278202930



4279571745



4288782753



4280361249



# Same Dimension

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



4278190130



4278190144



4279828530



4279703322



4278190169



4278190297



# Inverse Universe

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



4281466930



4282384448



4279841280



4279899930



4284022873



4292411609



# Previews

## White Background



This preview shows how the Android color 4278190130 looks on a white background.

## Color Contrast Check

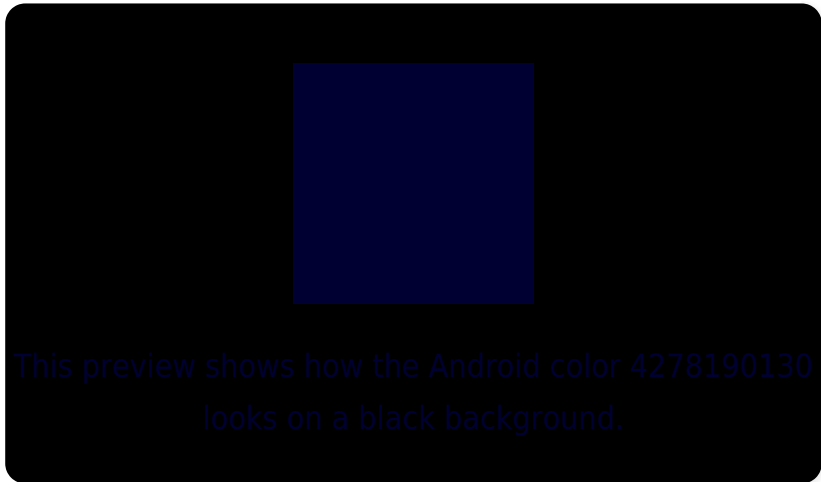
Large Text (above 18pt) WCAG AA ✓ Pass

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

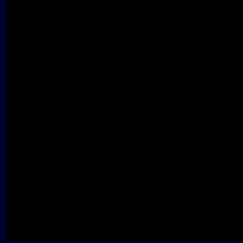
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278190130 Background



This preview shows how black text looks on a background with the Android color 4278190130.



This preview shows how white text looks on a background with the Android color 4278190130.

# 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**  
4278190130

**Protanopia**  
4278193951

**Deuteranopia**  
4278194202

# Trichromacy



**Original Color**

4278190130

**Protanomaly**

4278192678

**Deuteranomaly**

4278192675

# Monochromacy



**Original Color**

4278190130

**Achromatopsia**

4278584838

**Achromatomaly**

4278453270

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278190130 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, 0, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 50)  
}
```

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, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 50) }
```

## Border

The CSS property to change the border of an element to Android 4278190130 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, 0, 50) }
```

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

```
.border{ border-color:rgb(0, 0, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 50); box-shadow:4px  
4px 4px 4px rgb(0, 0, 50) }
```

# Background

The CSS property to change the background color of an element to Android 4278190130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 50) }
```

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

```
.background{ background-color: rgb(0, 0,  
50) }
```

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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