

# Converting Colors

Android(4280620573)

Have a look what the booklet for  
Android(4280620573) contains.

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# Color

**Android(4280620573)**

# Conversions

## Conversions Part 1

| Format      | Color                   |
|-------------|-------------------------|
| Hex         | 25161D                  |
| RGB         | 37, 22, 29              |
| RGB Percent | 15%, 9%, 11%            |
| CMY         | 0.8549, 0.9137, 0.8863  |
| CMYK        | 0.00, 0.41, 0.22, 0.85  |
| HSL         | 332°, 25%, 12%          |
| HSV         | 332°, 41%, 15%          |
| XYZ         | 1.2716, 1.0558, 1.2992  |
| YIQ         | 27.2830, 6.6930, 5.3570 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 37, 22, 29                  |
| Decimal                             | 2430493                     |
| CIE Lab                             | 9.45, 9.01, -1.83           |
| CIE LCh                             | 9, 9.191, 348.544           |
| Yxy                                 | 1.0558, 0.3506,<br>0.2911   |
| Android<br>(android.graphics.Color) | 4280620573<br>(0xFF25161D)  |
| YUV                                 | 27.2830, 0.8465,<br>8.5218  |
| Hunter-Lab                          | 10.2754, 4.1082,<br>-0.3035 |

# Details

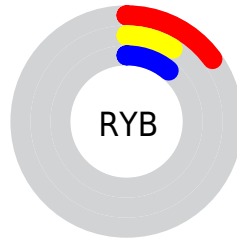
The Android color **4280620573** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279641374**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4283580744**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280619547**, and if you desaturate by 10%, it is **4280621599**.

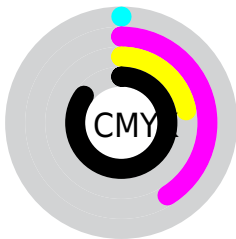
# Distribution



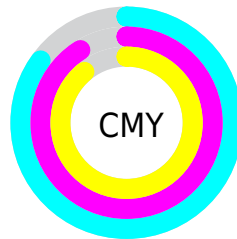
- Red (15%)
- Green (9%)
- Blue (11%)



- Red (15%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (85%)



- Cyan (85%)
- Magenta (91%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280620573 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 4280620573 by changing the saturation by 10% instead.





4280620573



4280620573



4294965503



4279173122



4283580744



4278190080



4285159520



4286869881



4288580243



4290356397



4292198344



4294040549



4280620573



4280620573

■ 4280619547

■ 4280621599

■ 4280618777

■ 4280622369

■ 4280617751

■ 4280623395

■ 4280616725

■ 4280624421

■ 4280615699

■ 4280625447

■ 4280614929

■ 4280626217

■ 4280627243

■ 4280628269

■ 4280629039

# Harmonies

## Analogous

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



4280293155



4280620573



4280751639

# Triad

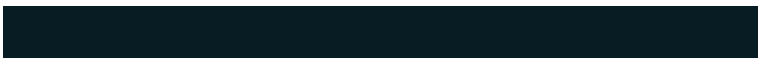
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280620573



4279966477



4278721827

# Complementary

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



4280620573



4279641374

# 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.



4278656542



4280620573



4279508242

# Square

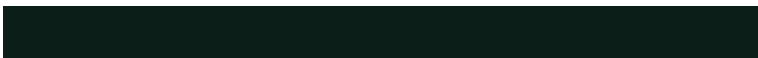
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280620573



4280359180



4278984216



4279180326

# Rectangle

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



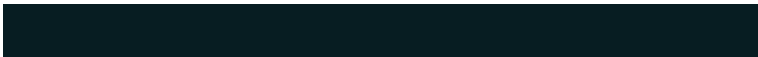
4280620573



4280686355



4278984216



4278656290



# Sweetspot

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



4280620573



4281346861



4280161829



4279899672



4288256409



4279900698



# Same Dimension

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



4280620573



4281342244



4280620566



4279373841



4283564070



4291887202



# Inverse Universe

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



4280620573



4281342244



4279641381



4279373841



4283564070



4291887202



# Previews

## White Background



This preview shows how the Android color 4280620573 looks on a white background.

## Color Contrast Check

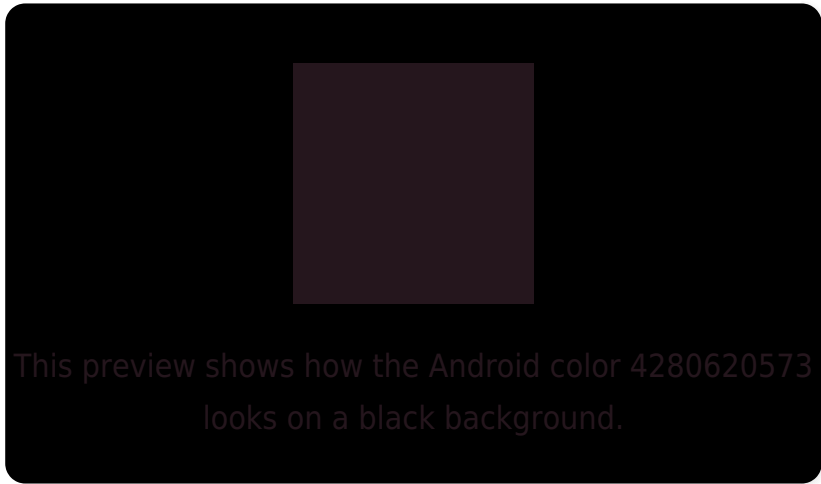
Large Text (above 18pt) WCAG AA ✓ Pass

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

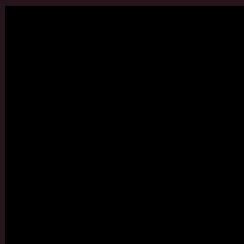
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4280620573 Background



This preview shows how black text looks on a background with the Android color 4280620573.

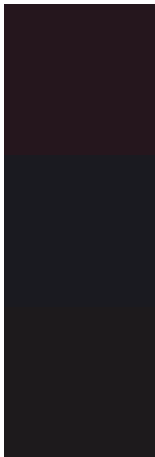


This preview shows how white text looks on a background with the Android color 4280620573.

# 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



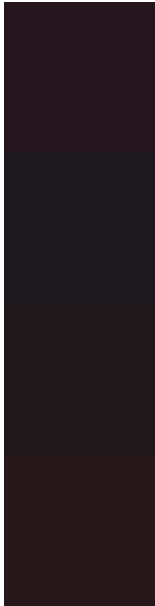
**Original Color**  
4280620573

**Protanopia**  
4279900704

**Deuteranopia**  
4280097308



# Trichromacy



**Original Color**

4280620573

**Protanomaly**

4280162591

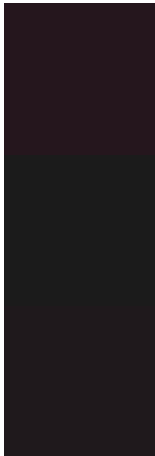
**Deuteranomaly**

4280293660

**Tritanomaly**

4280620826

# Monochromacy



**Original Color**

4280620573

**Achromatopsia**

4279966491

**Achromatomaly**

4280228124

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280620573 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(37, 22, 29)` looks like.

```
.text, #text, p{  
    color:rgb(37, 22, 29)  
}
```

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(37, 22, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 22, 29) }
```

## Border

The CSS property to change the border of an element to Android 4280620573 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(37, 22, 29) }
```

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

```
.border{ border-color:rgb(37, 22, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 22, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 22, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 22, 29);  
box-shadow:4px 4px 4px 4px rgb(37, 22, 29)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280620573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 22, 29) }
```

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

```
.background{ background-color: rgb(37, 22,  
29) }
```

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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