# Converting Colors

Android(4278848010)

Have a look what the booklet for Android(4278848010) contains.

**Android(4278848010)** ..... 3
***Conversions*** ..... 4
***Details*** ..... 6
***Harmonies*** ..... 11
***Previews*** ..... 15
***Color Blindness Simulation*** ..... 18
***CSS Examples*** ..... 21

# Color

Android(4278848010)

# Conversions

Conversions Part 1

| Format | Color |
| --- | --- |
| Hex | 0A0A0A |
| RGB | 10, 10, 10 |
| RGB Percent | 4%, 4%, 4% |
| CMY | 0.9608, 0.9608, 0.9608 |
| CMYK | 0.00, 0.00, 0.00, 0.96 |
| HSL | 0°, 0%, 4% |
| HSV | 0°, 0%, 4% |
| XYZ | 0.2885, 0.3035, 0.3305 |
| YIQ | 10.0000, 0.0000, -0.0000 |

# Conversions

Conversions Part 2

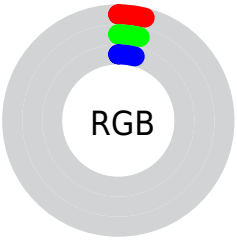
| Format | Color |
| --- | --- |
| RYB | 10, 10, 10 |
| Decimal | 657930 |
| CIELab | 2.74, 0.00, -0.00 |
| CIELCh | 3, 0.001, 296.812 |
| Yxy | 0.3035, 0.3127, 0.3290 |
| Android (android.graphics.Color) | 4278848010 (0xFF0A0A0A) |
| YUV | 10.0000, 0.0000, 0.0000 |
| Hunter-Lab | 5.5093, -0.2940, 0.2993 |

# Details

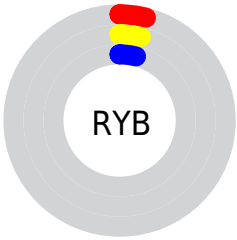
The Android color 4278848010 is a dark color, and the websafe version is hex 000000. A complement of this color would be 4278848010, and the grayscale version is 4278848010.

A 20% lighter version of the original color is 4281742902, and 4278190080 is the 20% darker color. If you saturate the color by 10%, you get 4278847753, and if you desaturate by 10%, it is 4278848267.

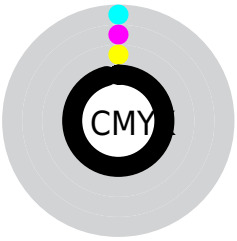
# Distribution



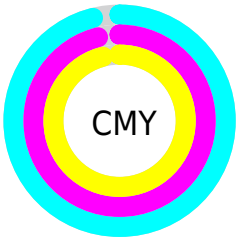

- Red (4%)
- Green (4%)
- Blue (4%)




- Red (4%)
- Yellow (4%)
- Blue (4%)




- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (96%)




- Cyan (96%)
- Magenta (96%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278848010 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 4278848010 by changing the saturation by 10% instead.

4278848010

4293585642

4281742902

4283256141

4284835173

4286479998

4288190616

4289901234

4291743438

4278848010

4278848010

4278190080

4278848010

4278848010

4278847753

4278847496

4278847239

4278846982

4278846725

4278846468

4278846211

4278845954

4278845697

4278848267

4278848524

4278848781

4278849038

4278849295

4278849552

4278849809

4278850066

4278850323

# Harmonies

# Sweetspot

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

4278848010

4279045389

4278716424

4287072135

# Same Dimension

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

4278848010

4279045389

4278519045

4282712064

4291035136

# Inverse Universe

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

4278848010

4279045389

4278519045

4278207813

4278240452

# Previews

## White Background

This preview shows how the Android color 4278848010 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

This preview shows how the Android color 4278848010 looks on a 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 4278848010 Background

This preview shows how black text looks on a background with the Android color 4278848010.

This preview shows how white text looks on a background with the Android color 4278848010.

# 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**
4278848010

**Protanopia**
4278848010

**Deuteranopia**
4278913546

**Tritanopia**
4278848011

## Trichromacy

**Original Color**
4278848010

**Protanomaly**
4278848010

**Deuteranomaly**
4278913546

**Tritanomaly**
4278848011

## Monochromacy

**Original Color**
4278848010

**Achromatopsia**
4278848010

**Achromatomaly**
4278848010

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278848010 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(10, 10, 10) looks like.

```
.text, #text, p{
    color:rgb(10, 10, 10)
}
```

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(10, 10, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 10, 10) }
```

## Border

The CSS property to change the border of an element to Android 4278848010 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(10, 10, 10) }
```

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

```
.border{ border-color:rgb(10, 10, 10) }
```

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

Here you see how a box with a 4 pixel rgb(10, 10, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(10, 10, 10); -webkit-box-shadow:4px 4px 4px 4px rgb(10, 10, 10); box-shadow:4px 4px 4px 4px rgb(10, 10, 10) }
```

# Background

The CSS property to change the background color of an element to Android 4278848010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(10, 10, 10) }
```

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

```
.background{ background-color:rgb(10, 10, 10) }
```

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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