

Converting Colors

Android(4278338644)

Have a look what the booklet for
Android(4278338644) contains.

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Color

Android(4278338644)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 024454 |
| RGB | 2, 68, 84 |
| RGB Percent | 1%, 27%, 33% |
| CMY | 0.9922, 0.7333, 0.6706 |
| CMYK | 0.98, 0.19, 0.00, 0.67 |
| HSL | 192°, 95%, 17% |
| HSV | 192°, 98%, 33% |
| XYZ | 3.6924, 4.7872, 9.1169 |
| YIQ | 50.0900, -44.4720, -9.0160 |

Conversions

Conversions Part 2

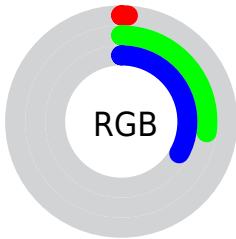
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 2, 39, 84 |
| Decimal | 148564 |
| CIE _{Lab} | 26.12, -12.21, -14.88 |
| CIE _{LCh} | 26, 19.246, 230.620 |
| Yxy | 4.7872, 0.2098, 0.2721 |
| Android (android.graphics.Color) | 4278338644 (0xFF024454) |
| YUV | 50.0900, 16.7176, -42.1749 |
| Hunter-Lab | 21.8798, -8.1663, -9.3893 |

Details

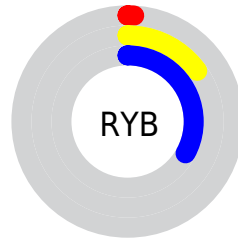
The Android color **4278338644** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4283699714**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4282414214**, and **4278196775** is the 20% darker color. If you saturate the color by 10%, you get **4278207572**, and if you desaturate by 10%, it is **4278863444**.

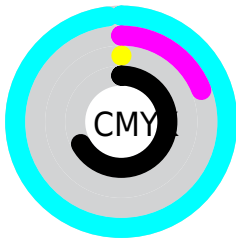
Distribution



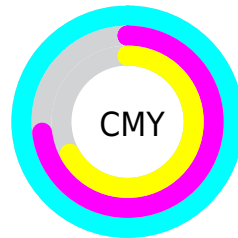
- Red (1%)
- Green (27%)
- Blue (33%)



- Red (1%)
- Yellow (15%)
- Blue (33%)



- Cyan (98%)
- Magenta (19%)
- Yellow (0%)
- Black (67%)



- Cyan (99%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278338644 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 4278338644 by changing the saturation by 10% instead.



4278338644



4278338644

4294967295



4278201917



4282414214



4278196775



4284190368



4278190354



4285900987



4278190080



4287677654



4289519859



4291362047



4293197823



4278338644



4278338644

■ 4278207572

■ 4278863444

■ 4279453524

■ 4279978324

■ 4280568660

■ 4281093204

■ 4281618004

■ 4282208084

■ 4282732884

■ 4283323220

Harmonies

Analogous

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



4278273608



4278338644



4280303962

Triad

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



4278338644



4283904835



4282204194

Complementary

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



4278338644



4283699714

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.



4283120417



4278338644



4284101428

Square

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



4278338644



4283184721



4283840040



4281090859

Rectangle

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



4278338644



4281417050



4283840040



4282531617

Sweetspot

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



4278338644



4283328366



4278342673



4280562744



4290295992



4281874488

Same Dimension

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



4278338644



4278212718



4278328404



4280625193



4278211689



4278238184

Inverse Universe

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



4283695684



4285399128



4283709954



4280886568



4285071444



4293394619

Previews

White Background



This preview shows how the Android color 4278338644 looks on a white background.

Color Contrast Check

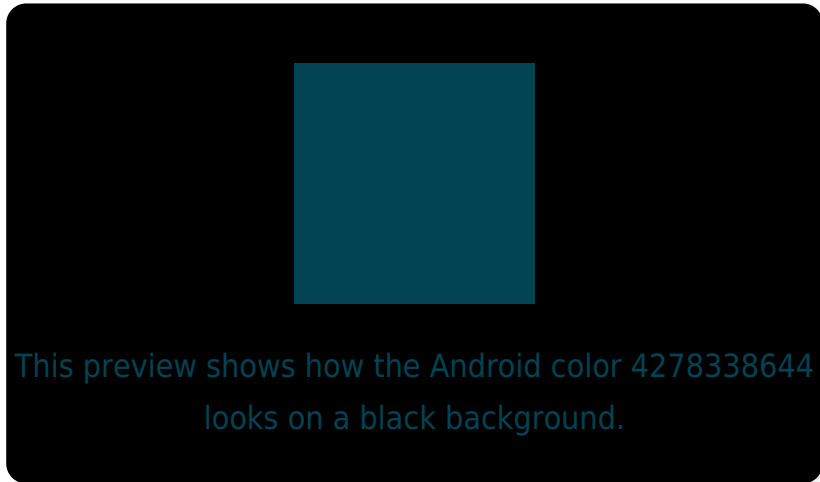
Large Text (above 18pt) WCAG AA ✓ Pass

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

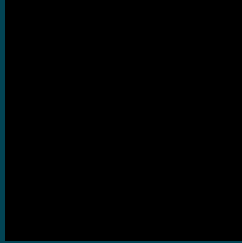
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

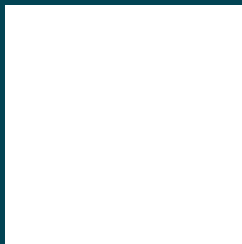
Any Text WCAG AAA × Fail

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

Android 4278338644 Background



This preview shows how black text looks on a background with the Android color 4278338644.



This preview shows how white text looks on a background with the Android color 4278338644.

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

4278338644

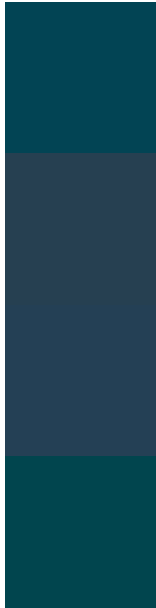
Protanopia

4282006863

Deuteranopia

4281810262

Trichromacy



Original Color
4278338644

Protanomaly
4280696913

Deuteranomaly
4280565845

Tritanomaly
4278273358

Monochromacy



Original Color
4278338644

Achromatopsia
4281479730

Achromatomaly
4280367422

CSS Examples

Text

The CSS property to change the color of the text to Android 4278338644 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(2, 68, 84)` looks like.

```
.text, #text, p{  
    color:rgb(2, 68, 84)  
}
```

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(2, 68, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 68, 84) }
```

Border

The CSS property to change the border of an element to Android 4278338644 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(2, 68, 84) }
```

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

```
.border{ border-color:rgb(2, 68, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 68, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 68, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 68, 84); box-shadow:4px  
4px 4px 4px rgb(2, 68, 84) }
```

Background

The CSS property to change the background color of an element to Android 4278338644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 68, 84) }
```

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

```
.background{ background-color: rgb(2, 68,  
84) }
```

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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