

Converting Colors

Android(4278993502)

Have a look what the booklet for
Android(4278993502) contains.

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Color

Android(4278993502)

Conversions

Conversions Part 1

Format	Color
Hex	0C425E
RGB	12, 66, 94
RGB Percent	5%, 26%, 37%
CMY	0.9529, 0.7412, 0.6314
CMYK	0.87, 0.30, 0.00, 0.63
HSL	200°, 77%, 21%
HSV	200°, 87%, 37%
XYZ	4.1202, 4.7827, 11.2957
YIQ	53.0460, -41.1720, -2.7400

Conversions

Conversions Part 2

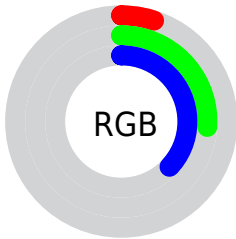
Format	Color
R_{YB}	12, 45, 94
Decimal	803422
CIE _{Lab}	26.11, -5.85, -21.38
CIE _{LCh}	26, 22.164, 254.693
Yxy	4.7827, 0.2040, 0.2368
Android (android.graphics.Color)	4278993502 (0xFF0C425E)
YUV	53.0460, 20.1903, -35.9973
Hunter-Lab	21.8695, -4.6422, -15.3149

Details

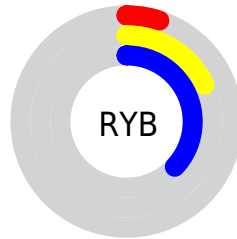
The Android color **4278993502** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284360716**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4282872465**, and **4278196272** is the 20% darker color. If you saturate the color by 10%, you get **4278402910**, and if you desaturate by 10%, it is **4279584094**.

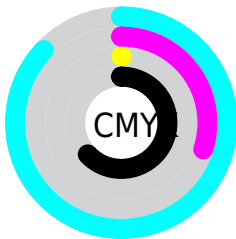
Distribution



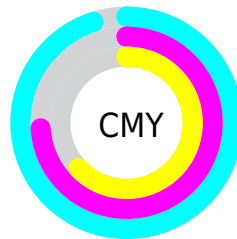
- Red (5%)
- Green (26%)
- Blue (37%)



- Red (5%)
- Yellow (18%)
- Blue (37%)



- Cyan (87%)
- Magenta (30%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (74%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278993502 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 4278993502 by changing the saturation by 10% instead.



4278993502



4278993502

4294967295



4278201414



4282872465



4278196272



4284582827



4278190363



4286359238



4278190080



4288135651



4289912319



4291820031



4293656575



4278993502



4278993502

■ 4278402910

■ 4279584094

■ 4278206046

■ 4280240222

■ 4280831070

■ 4281487198

■ 4282077790

■ 4282668382

■ 4283324510

■ 4283915358

■ 4284571486

Harmonies

Analogous

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



4278207829



4278993502



4281482590

Triad

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



4278993502



4284362806



4281156645

Complementary

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



4278993502



4284360716

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.



4282400540



4278993502



4284101671

Square

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



4278993502



4284035399



4283447837



4279584308

Rectangle

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



4278993502



4282595418



4283447837



4281614881

Sweetspot

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



4278993502



4284182650



4279000615



4280956733



4290624957



4282203453

Same Dimension

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



4278993502



4278210938



4278983262



4280888366



4278208622



4278230253

Inverse Universe

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



4284353602



4286185553



4284370956



4281215276



4285399112



4293722268

Previews

White Background



This preview shows how the Android color 4278993502 looks on a white background.

Color Contrast Check

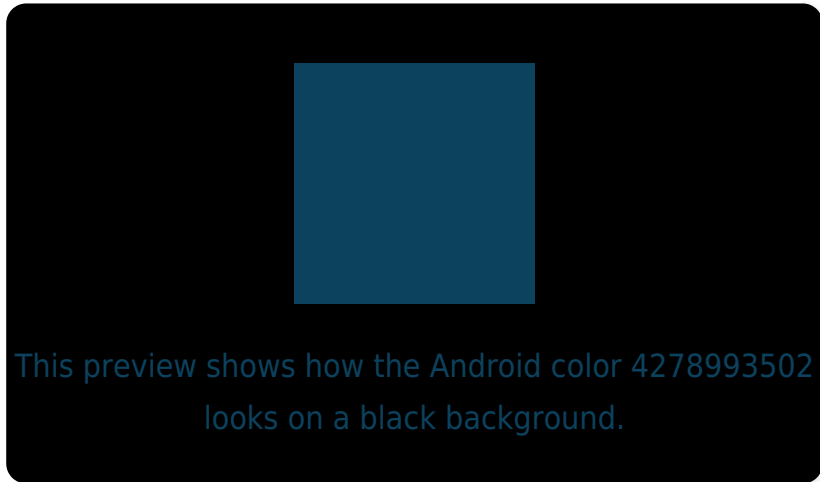
Large Text (above 18pt) WCAG AA ✓ Pass

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

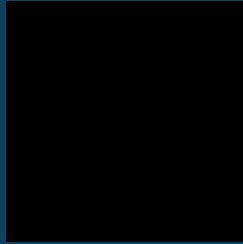
Any Text WCAG AA × Fail

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 4278993502 Background



This preview shows how black text looks on a background with the Android color 4278993502.



This preview shows how white text looks on a background with the Android color 4278993502.

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

4278993502

Protanopia

4281679194

Deuteranopia

4281155167

Trichromacy



Original Color

4278993502

Protanomaly

4280696667

Deuteranomaly

4280368991

Tritanomaly

4278469713

Monochromacy



Original Color

4278993502

Achromatopsia

4281677109

Achromatomaly

4280695364

CSS Examples

Text

The CSS property to change the color of the text to Android 4278993502 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(12, 66, 94)` looks like.

```
.text, #text, p{  
    color:rgb(12, 66, 94)  
}
```

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(12, 66, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 66, 94) }
```

Border

The CSS property to change the border of an element to Android 4278993502 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(12, 66, 94) }
```

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

```
.border{ border-color:rgb(12, 66, 94) }
```

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

Here you see how a box with a 4 pixel rgb(12, 66, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 66, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 66, 94);  
box-shadow:4px 4px 4px 4px rgb(12, 66, 94)  
}
```

Background

The CSS property to change the background color of an element to Android 4278993502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 66, 94) }
```

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

```
.background{ background-color: rgb(12, 66,  
94) }
```

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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