

Converting Colors

Android(4278533729)

Have a look what the booklet for
Android(4278533729) contains.

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Color

Android(4278533729)

Conversions

Conversions Part 1

Format	Color
Hex	053E61
RGB	5, 62, 97
RGB Percent	2%, 24%, 38%
CMY	0.9804, 0.7569, 0.6196
CMYK	0.95, 0.36, 0.00, 0.62
HSL	203°, 90%, 20%
HSV	203°, 95%, 38%
XYZ	3.9429, 4.3406, 11.9393
YIQ	48.9470, -45.2070, -1.1990

Conversions

Conversions Part 2

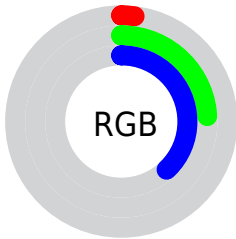
Format	Color
R_{YB}	5, 40, 97
Decimal	343649
CIE _{Lab}	24.77, -2.63, -25.44
CIE _{LCh}	25, 25.576, 264.090
Yxy	4.3406, 0.1950, 0.2146
Android (android.graphics.Color)	4278533729 (0xFF053E61)
YUV	48.9470, 23.6901, -38.5415
Hunter-Lab	20.8341, -2.6782, -19.3932

Details

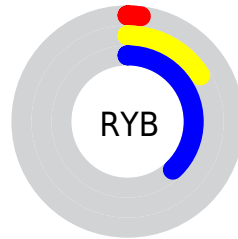
The Android color **4278533729** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284557317**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4282740116**, and **4278195250** is the 20% darker color. If you saturate the color by 10%, you get **4278205537**, and if you desaturate by 10%, it is **4279190113**.

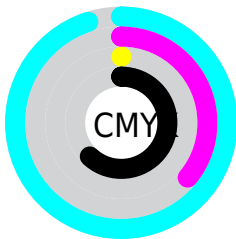
Distribution



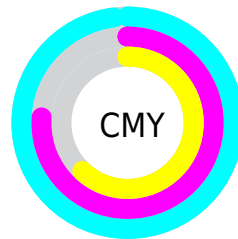
- Red (2%)
- Green (24%)
- Blue (38%)



- Red (2%)
- Yellow (16%)
- Blue (38%)



- Cyan (95%)
- Magenta (36%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278533729 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 4278533729 by changing the saturation by 10% instead.



4278533729



4278533729

4294967295



4278200393



4282740116



4278195250



4284450479



4278190621



4286226890



4278190080



4288003302



4289845247



4291687679



4293591039



4278533729



4278533729

■ 4278205537

■ 4279190113

■ 4279780705

■ 4280437089

■ 4281093473

■ 4281749601

■ 4282340449

■ 4282996833

■ 4283653217

■ 4284243809

Harmonies

Analogous

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



4278207066



4278533729



4281743198

Triad

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



4278533729



4284361516



4280238627

Complementary

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



4278533729



4284557317

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.



4281744918



4278533729



4283904284

Square

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



4278533729



4284230207



4282988563



4278207542

Rectangle

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



4278533729



4282921559



4282988563



4280828190

Sweetspot

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



4278533729



4284117117



4278542631



4280956992



4290756543



4282400832

Same Dimension

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



4278533729



4278209917



4278522209



4281085744



4278208112



4278228464

Inverse Universe

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



4284548414



4286382157



4284568837



4281347119



4285530182



4293918869

Previews

White Background



This preview shows how the Android color 4278533729 looks on a white background.

Color Contrast Check

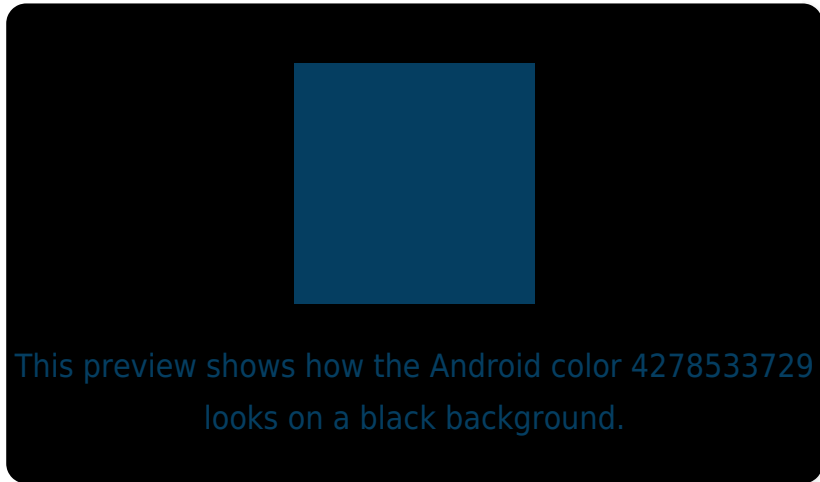
Large Text (above 18pt) WCAG AA ✓ Pass

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

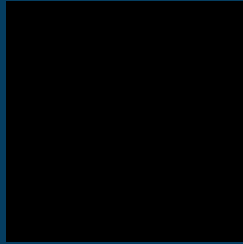
Any Text WCAG AA × Fail

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 4278533729 Background



This preview shows how black text looks on a background with the Android color 4278533729.



This preview shows how white text looks on a background with the Android color 4278533729.

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

4278533729

Protanopia

4281219677

Deuteranopia

4280433506

Trichromacy



Original Color

4278533729

Protanomaly

4280236894

Deuteranomaly

4279712866

Tritanomaly

4278337872

Monochromacy



Original Color

4278533729

Achromatopsia

4281413937

Achromatomaly

4280366658

CSS Examples

Text

The CSS property to change the color of the text to Android 4278533729 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(5, 62, 97)` looks like.

```
.text, #text, p{  
    color:rgb(5, 62, 97)  
}
```

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(5, 62, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 62, 97) }
```

Border

The CSS property to change the border of an element to Android 4278533729 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(5, 62, 97) }
```

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

```
.border{ border-color:rgb(5, 62, 97) }
```

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

Here you see how a box with a 4 pixel rgb(5, 62, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 62, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 62, 97); box-shadow:4px  
4px 4px 4px rgb(5, 62, 97) }
```

Background

The CSS property to change the background color of an element to Android 4278533729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 62, 97) }
```

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

```
.background{ background-color: rgb(5, 62,  
97) }
```

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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