

Converting Colors

Android(4278207325)

Have a look what the booklet for
Android(4278207325) contains.

Android(4278207325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278207325)

Conversions

Conversions Part 1

Format	Color
Hex	00435D
RGB	0, 67, 93
RGB Percent	0%, 26%, 36%
CMY	1.0000, 0.7373, 0.6353
CMYK	1.00, 0.28, 0.00, 0.64
HSL	197°, 100%, 18%
HSV	197°, 100%, 36%
XYZ	3.9829, 4.8046, 11.0734
YIQ	49.9310, -48.2780, -6.1180

Conversions

Conversions Part 2

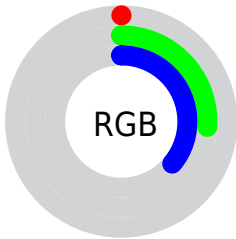
Format	Color
R_{YB}	0, 39, 93
Decimal	17245
CIE _{Lab}	26.17, -8.10, -20.65
CIE _{LCh}	26, 22.179, 248.579
Yxy	4.8046, 0.2005, 0.2419
Android (android.graphics.Color)	4278207325 (0xFF00435D)
YUV	49.9310, 21.2330, -43.7895
Hunter-Lab	21.9195, -5.9242, -14.6088

Details

The Android color **4278207325** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4284291584**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4282545039**, and **4278196527** is the 20% darker color. If you saturate the color by 10%, you get **4278207325**, and if you desaturate by 10%, it is **4278797917**.

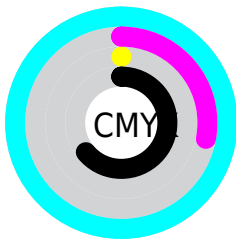
Distribution



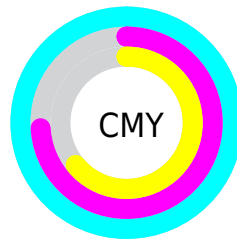
- Red (0%)
- Green (26%)
- Blue (36%)



- Red (0%)
- Yellow (15%)
- Blue (36%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207325 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 4278207325 by changing the saturation by 10% instead.

 4278207325

 4278207325

4294967295

 4278201669

 4282545039

 4278196527

 4284255402

 4278190362

 4286031813

 4278190080

 4287808225

 4289650430

 4291492607

 4293394431

 4278207325

■ 4278797917

■ 4279453789

■ 4280044381

■ 4280634717

■ 4281290845

■ 4281881437

■ 4282471773

■ 4283062365

■ 4283718237

Harmonies

Analogous

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



4278208082



4278207325



4281089631

Triad

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



4278207325



4284362810



4281484067

Complementary

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



4278207325



4284291584

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.



4282662684



4278207325



4284232490

Square

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



4278207325



4283904587



4283578655



4279977521

Rectangle

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



4278207325



4282268252



4283578655



4281877023

Sweetspot

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



4278207325



4283723384



4278213913



4280760125



4290624957



4282203453

Same Dimension

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



4278207325



4278212216



4278195805



4280888622



4278210414



4278234093

Inverse Universe

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



4284284995



4286054486



4284303104



4281215277



4285399119



4293722283

Previews

White Background



This preview shows how the Android color 4278207325 looks on a white background.

Color Contrast Check

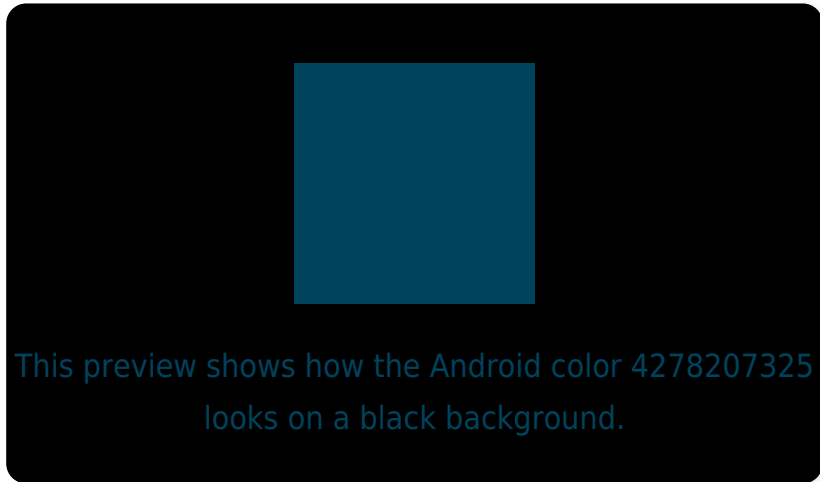
Large Text (above 18pt) WCAG AA ✓ Pass

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

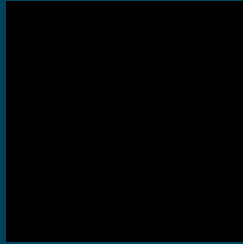
Any Text WCAG AA × Fail

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 4278207325 Background



This preview shows how black text looks on a background with the Android color 4278207325.



This preview shows how white text looks on a background with the Android color 4278207325.

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

4278207325

Protanopia

4281744728

Deuteranopia

4281286238

Trichromacy



Original Color

4278207325

Protanomaly

4280434522

Deuteranomaly

4280172638

Tritanomaly

4278207570

Monochromacy



Original Color

4278207325

Achromatopsia

4281479730

Achromatomaly

4280301634

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207325 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(0, 67, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 93)  
}
```

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(0, 67, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 93) }
```

Border

The CSS property to change the border of an element to Android 4278207325 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(0, 67, 93) }
```

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

```
.border{ border-color:rgb(0, 67, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 93); box-shadow:4px  
4px 4px 4px rgb(0, 67, 93) }
```

Background

The CSS property to change the background color of an element to Android 4278207325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 93) }
```

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

```
.background{ background-color: rgb(0, 67,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor