

Converting Colors

Android(4278866833)

Have a look what the booklet for
Android(4278866833) contains.

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Color

Android(4278866833)

Conversions

Conversions Part 1

Format	Color
Hex	0A5391
RGB	10, 83, 145
RGB Percent	4%, 33%, 57%
CMY	0.9608, 0.6745, 0.4314
CMYK	0.93, 0.43, 0.00, 0.43
HSL	208°, 87%, 30%
HSV	208°, 93%, 57%
XYZ	8.3293, 8.2954, 27.9502
YIQ	68.2410, -63.4100, 3.8060

Conversions

Conversions Part 2

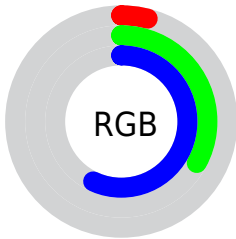
Format	Color
R_{YB}	10, 57, 145
Decimal	676753
CIE _{Lab}	34.59, 4.03, -39.88
CIE _{LCh}	35, 40.085, 275.764
Yxy	8.2954, 0.1869, 0.1861
Android (android.graphics.Color)	4278866833 (0xFF0A5391)
YUV	68.2410, 37.8422, -51.0774
Hunter-Lab	28.8017, 1.2181, -37.3760

Details

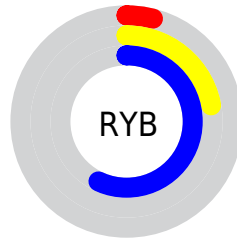
The Android color `4278866833` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287711242`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283729095`, and `4278200158` is the 20% darker color. If you saturate the color by 10%, you get `4278210193`, and if you desaturate by 10%, it is `4279786129`.

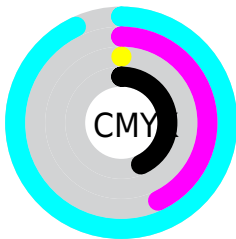
Distribution



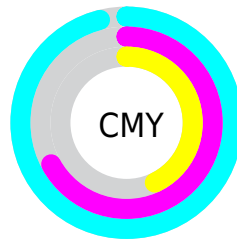
- Red (4%)
- Green (33%)
- Blue (57%)



- Red (4%)
- Yellow (22%)
- Blue (57%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)
- Black (43%)



- Cyan (96%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278866833 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 4278866833 by changing the saturation by 10% instead.



4278866833



4278866833

4294967295



4278205559



4283729095



4278200158



4285636324



4278195014



4287543807



4278191151



4289385727



4278190361



4291293695



4278190080



4293263359



4278866833



4278866833



4278210193



4279786129

■ 4280770705

■ 4281690001

■ 4282674833

■ 4283593873

■ 4284578705

■ 4285498001

■ 4286482577

■ 4287401873

Harmonies

Analogous

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



4278213771



4278866833



4284106373

Triad

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



4278866833



4287052078



4278214454

Complementary

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



4278866833



4287711242

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.



4282079769



4278866833



4285941269

Square

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



4278866833



4287312460



4284240392



4278214743

Rectangle

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



4278866833



4285807990



4284240392



4279852332

Sweetspot

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



4278866833



4287145149



4278882631



4282273886



4292796126



4284374622

Same Dimension

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



4278866833



4278216381



4278849937



4282401863



4278208903



4278191112

Inverse Universe

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



4287695443



4290576486



4287728138



4282859588



4287037513



4278714372

Previews

White Background



This preview shows how the Android color 4278866833 looks on a white background.

Color Contrast Check

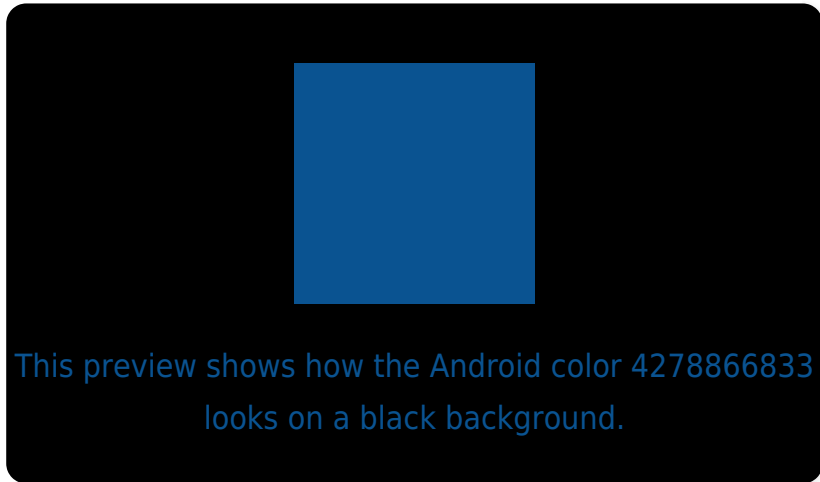
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278866833 Background



This preview shows how black text looks on a background with the Android color 4278866833.



This preview shows how white text looks on a background with the Android color 4278866833.

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



Trichromacy



Original Color
4278866833

Protanomaly
4280635534

Deuteranomaly
4279260049

Tritanomaly
4278474610

Monochromacy



Original Color
4278866833

Achromatopsia
4282664004

Achromatomaly
4281289056

CSS Examples

Text

The CSS property to change the color of the text to Android 4278866833 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, 83, 145)` looks like.

```
.text, #text, p{  
    color:rgb(10, 83, 145)  
}
```

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, 83, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 83, 145) }
```

Border

The CSS property to change the border of an element to Android 4278866833 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, 83, 145) }
```

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

```
.border{ border-color:rgb(10, 83, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 83, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 83, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 83, 145);  
box-shadow:4px 4px 4px 4px rgb(10, 83,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4278866833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 83, 145) }
```

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

```
.background{ background-color: rgb(10, 83,  
145) }
```

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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