

Converting Colors

Android(4278195838)

Have a look what the booklet for
Android(4278195838) contains.

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Color

Android(4278195838)

Conversions

Conversions Part 1

Format	Color
Hex	00167E
RGB	0, 22, 126
RGB Percent	0%, 9%, 49%
CMY	1.0000, 0.9137, 0.5059
CMYK	1.00, 0.83, 0.00, 0.51
HSL	230°, 100%, 25%
HSV	230°, 100%, 49%
XYZ	4.0528, 2.0802, 19.9266
YIQ	27.2780, -46.4960, 27.6800

Conversions

Conversions Part 2

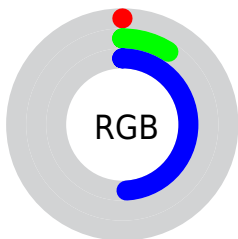
Format	Color
RYB	0, 19, 126
Decimal	5758
CIELab	15.90, 37.17, -58.55
CIELCh	16, 69.348, 302.410
Yxy	2.0802, 0.1555, 0.0798
Android (android.graphics.Color)	4278195838 (0xFF00167E)
YUV	27.2780, 48.6699, -23.9228
Hunter-Lab	14.4228, 24.9185, -71.8191

Details

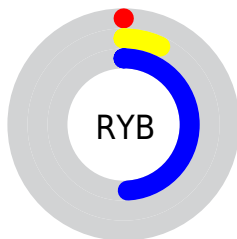
The Android color **4278195838** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4286474240**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4283450292**, and **4278190156** is the 20% darker color. If you saturate the color by 10%, you get **4278195838**, and if you desaturate by 10%, it is **4279050366**.

Distribution



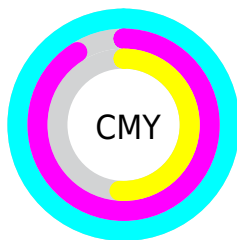
- Red (0%)
- Green (9%)
- Blue (49%)



- Red (0%)
- Yellow (7%)
- Blue (49%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278195838 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 4278195838 by changing the saturation by 10% instead.

 4278195838

 4278195838

 4294966527

 4278190692

 4283450292

 4278190156

 4285357008

 4278191156

 4287198189

 4278190622

 4289105407

 4278190080

 4291012863

 4292985855

 4294959103

 4278195838

■ 4279050366

■ 4279839614

■ 4280694142

■ 4281483390

■ 4282337918

■ 4283192446

■ 4283981694

■ 4284836222

■ 4285625470

Harmonies

Analogous

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



4278202511



4278195838



4284481623

Triad

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



4278195838



4283697664



4278204459

Complementary

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



4278195838



4286474240

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.



4278203904



4278195838



4281280512

Square

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



4278195838



4285333504



4278202880



4278204765

Rectangle

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



4278195838



4285595702



4278202880



4278204441

Sweetspot

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



4278195838



4285692835



4278222439



4281612626



4291940817



4283585106

Same Dimension

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



4278195838



4278197411



4280811646



4281940544



4278195840



4278190080

Inverse Universe

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



4286447638



4288872476



4283858432



4282399034



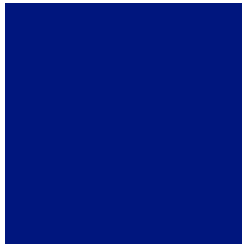
4286578710



4278190080

Previews

White Background



This preview shows how the Android color 4278195838 looks on a white background.

Color Contrast Check

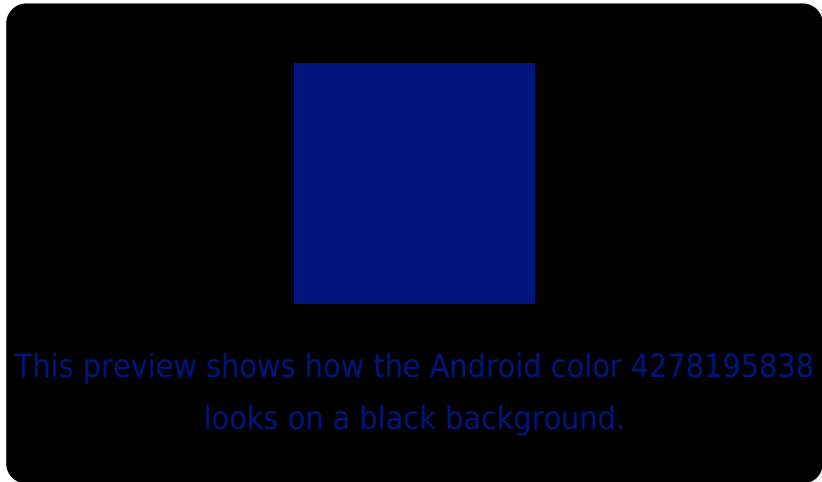
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278195838 Background



This preview shows how black text looks on a background with the Android color 4278195838.



This preview shows how white text looks on a background with the Android color 4278195838.

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
4278195838

Protanopia
4278200404

Deuteranopia
4278201159

Trichromacy



Original Color
4278195838

Protanomaly
4278198627

Deuteranomaly
4278199131

Tritanomaly
4278199628

Monochromacy



Original Color
4278195838

Achromatopsia
4279966491

Achromatomaly
4279310655

CSS Examples

Text

The CSS property to change the color of the text to Android 4278195838 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, 22, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 22, 126)  
}
```

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, 22, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 22, 126) }
```

Border

The CSS property to change the border of an element to Android 4278195838 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, 22, 126) }
```

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

```
.border{ border-color:rgb(0, 22, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 22, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 22, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 22, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 22, 126)  
}
```

Background

The CSS property to change the background color of an element to Android 4278195838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 22, 126) }
```

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

```
.background{ background-color: rgb(0, 22,  
126) }
```

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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