

Converting Colors

Android(4278196102)

Have a look what the booklet for
Android(4278196102) contains.

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Color

Android(4278196102)

Conversions

Conversions Part 1

Format	Color
Hex	001786
RGB	0, 23, 134
RGB Percent	0%, 9%, 53%
CMY	1.0000, 0.9098, 0.4745
CMYK	1.00, 0.83, 0.00, 0.47
HSL	230°, 100%, 26%
HSV	230°, 100%, 53%
XYZ	4.6095, 2.3340, 22.7618
YIQ	28.7770, -49.3390, 29.6450

Conversions

Conversions Part 2

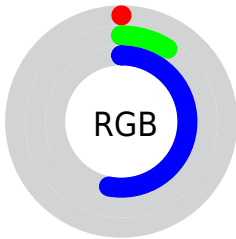
Format	Color
RYB	0, 20, 134
Decimal	6022
CIELab	17.15, 39.45, -61.54
CIELCh	17, 73.099, 302.658
Yxy	2.3340, 0.1552, 0.0786
Android (android.graphics.Color)	4278196102 (0xFF001786)
YUV	28.7770, 51.8749, -25.2374
Hunter-Lab	15.2775, 27.1207, -77.6414

Details

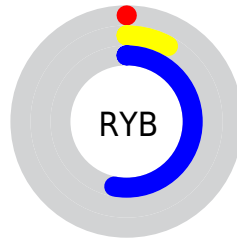
The Android color **4278196102** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4287000320**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4283581628**, and **4278190163** is the 20% darker color. If you saturate the color by 10%, you get **4278196102**, and if you desaturate by 10%, it is **4279050886**.

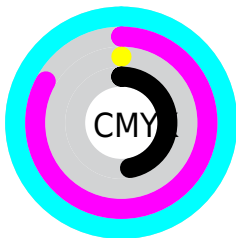
Distribution



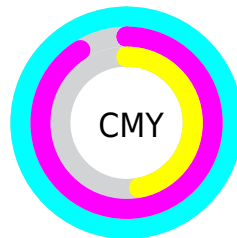
- Red (0%)
- Green (9%)
- Blue (53%)



- Red (0%)
- Yellow (8%)
- Blue (53%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (91%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278196102 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 4278196102 by changing the saturation by 10% instead.

 4278196102

 4278196102

4294967039

 4278190956

 4283581628

 4278190163

 4285553881


 4278191675

 4287460854

 4278190628

 4289368063

 4278190092

 4291275519

 4278190080

 4293248511

 4294959871

 4278196102

■ 4279050886

■ 4279971206

■ 4280825990

■ 4281746310

■ 4282601350

■ 4283456134

■ 4284376454

■ 4285231238

■ 4286151558

Harmonies

Analogous

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



4278203288



4278196102



4284940380

Triad

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



4278196102



4284025600



4278205486

Complementary

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



4278196102



4287000320

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.



4278204928



4278196102



4281412352

Square

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



4278196102



4285792256



4278203648



4278205795

Rectangle

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



4278196102



4286119994



4278203648



4278205211

Sweetspot

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



4278196102



4286153389



4278224493



4281810263



4292269782



4283914071

Same Dimension

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



4278196102



4278197933



4280942726



4282137922



4278195842



4278190083

Inverse Universe

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



4286971927



4289527838



4284253696



4282530877



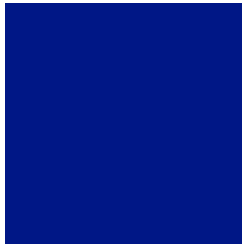
4286709782



4278386688

Previews

White Background



This preview shows how the Android color 4278196102 looks on a white background.

Color Contrast Check

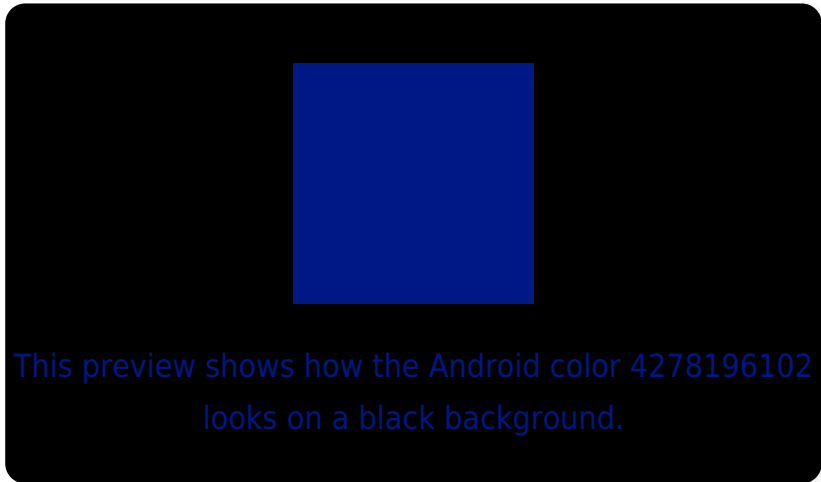
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278196102 Background



This preview shows how black text looks on a background with the Android color 4278196102.



This preview shows how white text looks on a background with the Android color 4278196102.

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

4278196102

Protanopia

4278201177

Deuteranopia

4278201676

Trichromacy



Original Color

4278196102

Protanomaly

4278199401

Deuteranomaly

4278199649

Tritanomaly

4278200401

Monochromacy



Original Color

4278196102

Achromatopsia

4280098077

Achromatomaly

4279376707

CSS Examples

Text

The CSS property to change the color of the text to Android 4278196102 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, 23, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 134)  
}
```

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, 23, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 134) }
```

Border

The CSS property to change the border of an element to Android 4278196102 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, 23, 134) }
```

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

```
.border{ border-color:rgb(0, 23, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 23, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 23, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 23, 134)  
}
```

Background

The CSS property to change the background color of an element to Android 4278196102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 134) }
```

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

```
.background{ background-color: rgb(0, 23,  
134) }
```

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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