

Converting Colors

Android(4278190191)

Have a look what the booklet for
Android(4278190191) contains.

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Color

Android(4278190191)

Conversions

Conversions Part 1

Format	Color
Hex	00006F
RGB	0, 0, 111
RGB Percent	0%, 0%, 44%
CMY	1.0000, 1.0000, 0.5647
CMYK	1.00, 1.00, 0.00, 0.56
HSL	240°, 100%, 22%
HSV	240°, 100%, 44%
XYZ	2.8692, 1.1477, 15.1092
YIQ	12.6540, -35.6310, 34.5210

Conversions

Conversions Part 2

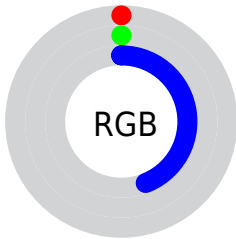
Format	Color
RYB	0, 0, 111
Decimal	111
CIELab	10.17, 42.90, -58.43
CIELCh	10, 72.489, 306.287
Yxy	1.1477, 0.1500, 0.0600
Android (android.graphics.Color)	4278190191 (0xFF00006F)
YUV	12.6540, 48.4846, -11.0976
Hunter-Lab	10.7131, 29.0592, -76.1208

Details

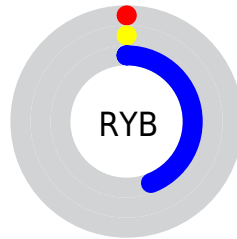
The Android color **4278190191** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285492992**, and the grayscale version is **4278979596**.

A 20% lighter version of the original color is **4283248548**, and **4278191677** is the 20% darker color. If you saturate the color by 10%, you get **4278190191**, and if you desaturate by 10%, it is **4278913903**.

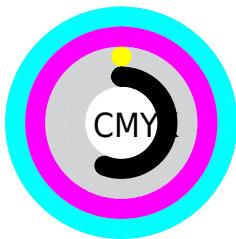
Distribution



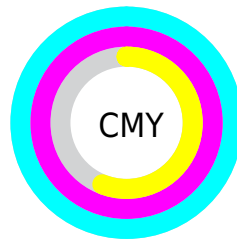
- Red (0%)
- Green (0%)
- Blue (44%)



- Red (0%)
- Yellow (0%)
- Blue (44%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190191 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 4278190191 by changing the saturation by 10% instead.

 4278190191

 4278190191

 4294961151

 4278190166

 4283248548

 4278191677

 4285089728

 4278190887

 4286996700

 4278190352

 4288838137

 4278190080

 4290745599

 4292653055

 4294626047

 4278190191

■ 4278913903

■ 4279637615

■ 4280361327

■ 4281085039

■ 4281874543

■ 4282598255

■ 4283321967

■ 4284045679

■ 4284769391

Harmonies

Analogous

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



4278199428



4278190191



4283891781

Triad

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



4278190191



4282450432



4278200614

Complementary

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



4278190191



4285492992

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.



4278200320



4278190191



4279967232

Square

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



4278190191



4284219392



4278200320



4278201431

Rectangle

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



4278190191



4284809253



4278200320



4278200596

Sweetspot

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



4278190191



4284901009



4278218607



4281282378



4291414473



4283058762

Same Dimension

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



4278190191



4278190225



4281860207



4281479736



4278190200



4278190327

Inverse Universe

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



4285464687



4287692945



4281888512



4281872952



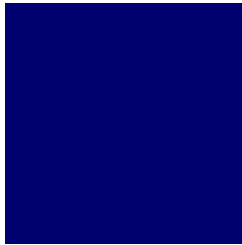
4286054520



4294377719

Previews

White Background



This preview shows how the Android color 4278190191 looks on a white background.

Color Contrast Check

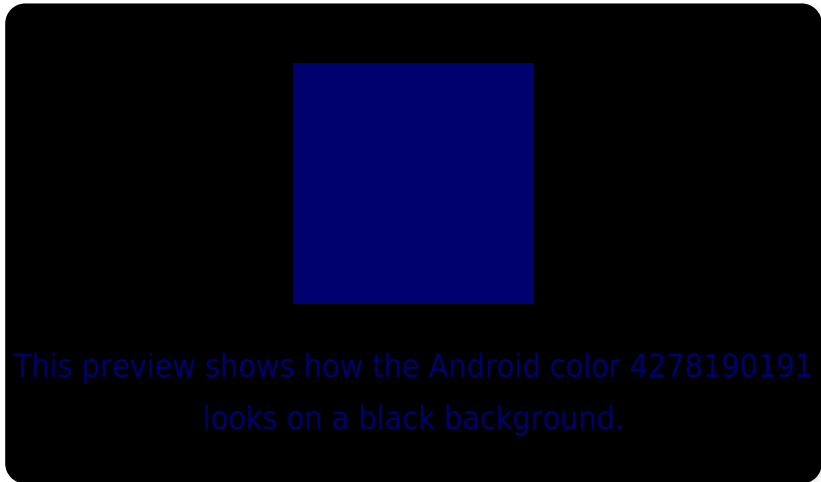
Large Text (above 18pt) WCAG AA ✓ Pass

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

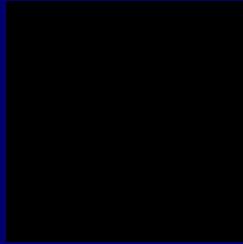
Any Text WCAG AA × Fail

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 4278190191 Background



This preview shows how black text looks on a background with the Android color 4278190191.



This preview shows how white text looks on a background with the Android color 4278190191.

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

4278190191

Protanopia

4278198340

Deuteranopia

4278199098

Trichromacy



Original Color
4278190191

Protanomaly
4278195284

Deuteranomaly
4278195789

Tritanomaly
4278196289

Monochromacy



Original Color
4278190191

Achromatopsia
4279045389

Achromatomaly
4278716465

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190191 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, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 111)  
}
```

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, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 111) }
```

Border

The CSS property to change the border of an element to Android 4278190191 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, 0, 111) }
```

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

```
.border{ border-color:rgb(0, 0, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 111); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 111); box-shadow:4px  
4px 4px 4px rgb(0, 0, 111) }
```

Background

The CSS property to change the background color of an element to Android 4278190191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 111) }
```

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

```
.background{ background-color: rgb(0, 0,  
111) }
```

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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