

Converting Colors

Android(4278191504)

Have a look what the booklet for
Android(4278191504) contains.

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Color

Android(4278191504)

Conversions

Conversions Part 1

Format	Color
Hex	000590
RGB	0, 5, 144
RGB Percent	0%, 2%, 56%
CMY	1.0000, 0.9804, 0.4353
CMYK	1.00, 0.97, 0.00, 0.44
HSL	238°, 100%, 28%
HSV	238°, 100%, 56%
XYZ	5.0883, 2.1222, 26.5270
YIQ	19.3510, -47.5990, 42.1690

Conversions

Conversions Part 2

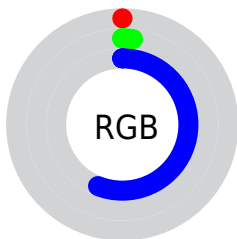
Format	Color
RYB	0, 5, 144
Decimal	1424
CIELab	16.12, 50.01, -69.54
CIELCh	16, 85.658, 305.724
Yxy	2.1222, 0.1508, 0.0629
Android (android.graphics.Color)	4278191504 (0xFF000590)
YUV	19.3510, 61.4520, -16.9708
Hunter-Lab	14.5676, 36.8547, -97.7671

Details

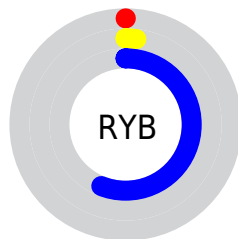
The Android color **4278191504** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4287662848**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4283906503**, and **4278190172** is the 20% darker color. If you saturate the color by 10%, you get **4278191504**, and if you desaturate by 10%, it is **4279112592**.

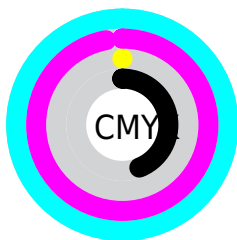
Distribution



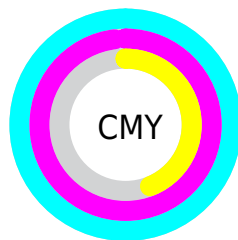
- Red (0%)
- Green (2%)
- Blue (56%)



- Red (0%)
- Yellow (2%)
- Blue (56%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191504 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 4278191504 by changing the saturation by 10% instead.

 4278191504

 4278191504

 4294964479

 4278190197

 4283906503

 4278190172

 4285944292

 4278191939

 4287917055

 4278190892

 4289824255

 4278190358

 4291796991

 4278190080

 4293770239

 4294957055

 4278191504

■ 4279112592

■ 4280099216

■ 4281020304

■ 4282006928

■ 4282928016

■ 4283848848

■ 4284835472

■ 4285756560

■ 4286743184

Harmonies

Analogous

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



4278203049



4278191504



4285661276

Triad

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



4278191504



4283892736



4278204723

Complementary

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



4278191504



4287662848

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.



4278204416



4278191504



4280822528

Square

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



4278191504



4286054400



4278203648



4278205809

Rectangle

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



4278191504



4286775348



4278203648



4278204701

Sweetspot

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



4278191504



4286743738



4278227081



4282138206



4292796126



4284374622

Same Dimension

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



4278191504



4278191802



4282450064



4282401095



4278191495



4278190088

Inverse Universe

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



4287627269



4290379782



4283404288



4282859585



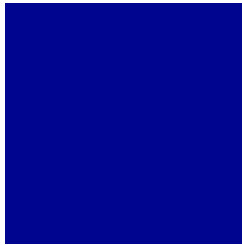
4287037445



4278714368

Previews

White Background



This preview shows how the Android color 4278191504 looks on a white background.

Color Contrast Check

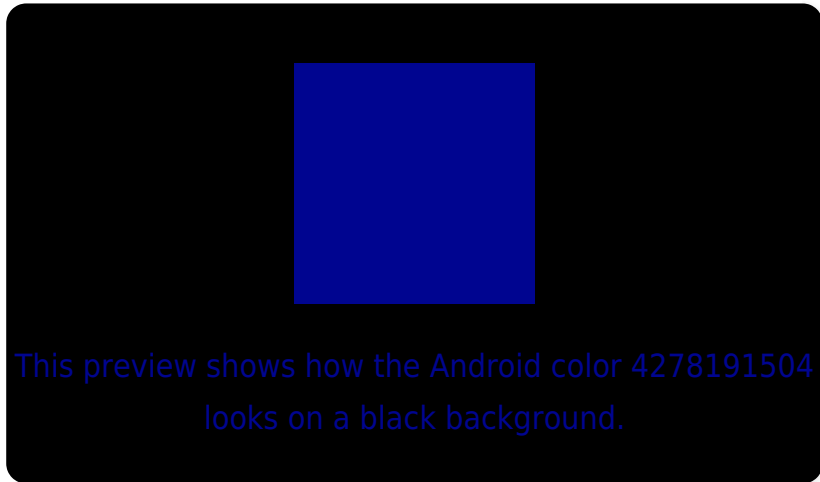
Large Text (above 18pt) WCAG AA ✓ Pass

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

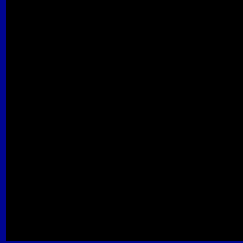
Any Text WCAG AA × Fail

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 4278191504 Background



This preview shows how black text looks on a background with the Android color 4278191504.



This preview shows how white text looks on a background with the Android color 4278191504.

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
4278191504

Protanopia
4278200920

Deuteranopia
4278201675

Trichromacy



Original Color

4278191504

Protanomaly

4278197612

Deuteranomaly

4278197860

Tritanomaly

4278198613

Monochromacy



Original Color

4278191504

Achromatopsia

4279440147

Achromatomaly

4278980160

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191504 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, 5, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 5, 144)  
}
```

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, 5, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 5, 144) }
```

Border

The CSS property to change the border of an element to Android 4278191504 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, 5, 144) }
```

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

```
.border{ border-color:rgb(0, 5, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 5, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 5, 144); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 5, 144); box-shadow:4px  
4px 4px 4px rgb(0, 5, 144) }
```

Background

The CSS property to change the background color of an element to Android 4278191504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 5, 144) }
```

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

```
.background{ background-color: rgb(0, 5,  
144) }
```

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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