

Converting Colors

Android(4278716563)

Have a look what the booklet for
Android(4278716563) contains.

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Color

Android(4278716563)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 080893 |
| RGB | 8, 8, 147 |
| RGB Percent | 3%, 3%, 58% |
| CMY | 0.9686, 0.9686, 0.4235 |
| CMYK | 0.95, 0.95, 0.00, 0.42 |
| HSL | 240°, 90%, 30% |
| HSV | 240°, 95%, 58% |
| XYZ | 5.4534, 2.3319, 27.7664 |
| YIQ | 23.8460, -44.6190, 43.2290 |

Conversions

Conversions Part 2

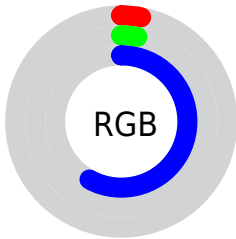
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 8, 8, 147 |
| Decimal | 526483 |
| CIELab | 17.14, 50.00, -69.69 |
| CIELCh | 17, 85.771, 305.658 |
| Yxy | 2.3319, 0.1534, 0.0656 |
| Android (android.graphics.Color) | 4278716563 (0xFF080893) |
| YUV | 23.8460, 60.7149, -13.8969 |
| Hunter-Lab | 15.2705, 37.0231, -97.1182 |




Details

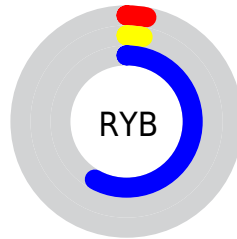
The Android color **4278716563** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4287861512**, and the grayscale version is **4279703319**.




A 20% lighter version of the original color is **4284103626**, and **4278190175** is the 20% darker color. If you saturate the color by 10%, you get **4278190227**, and if you desaturate by 10%, it is **4279703443**.

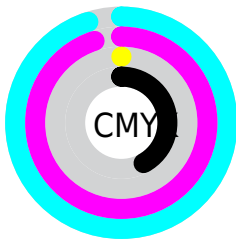
Distribution







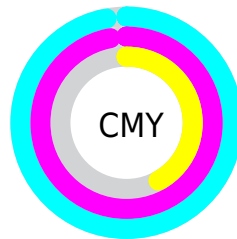
-  Red (3%)
-  Green (3%)
-  Blue (58%)






-  Red (3%)
-  Yellow (3%)
-  Blue (58%)



-  Cyan (95%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (97%)
-  Magenta (97%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278716563 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 4278716563 by changing the saturation by 10% instead.

 4278716563

 4278716563

 4294965247

 4278190200

 4284103626

 4278190175

 4286141671


 4278192198

 4288048639

 4278191151

 4290021375

 4278190361

 4291994367

 4278190080

 4293967615

 4294957823

 4278716563

 4278716563

■ 4278190227

■ 4279703443

■ 4280624531

■ 4281611411

■ 4282598291

■ 4283585171

■ 4284506259

■ 4285493139

■ 4286480019

■ 4287401107

Harmonies

Analogous

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



4278203564



4278716563



4285857887

Triad

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



4278716563



4284155648



4278205493

Complementary

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



4278716563



4287861512

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.



4278205184



4278716563



4281019648

Square

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



4278716563



4286316544



4278204160



4278206323

Rectangle

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



4278716563



4286971958



4278204160



4278205471

Sweetspot

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



428716563



4287269567



428752147



4282400865



4292927712



4284572001

Same Dimension

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



4278716563



4278190271



4283304083



4282598218



4278190218



4278190090

Inverse Universe

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



4287826067



4290707647



4283339528



4283056970



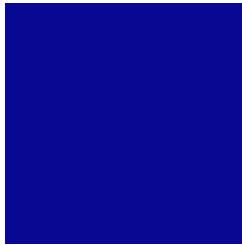
4287234186



4278845450

Previews

White Background



This preview shows how the Android color 4278716563 looks on a white background.

Color Contrast Check

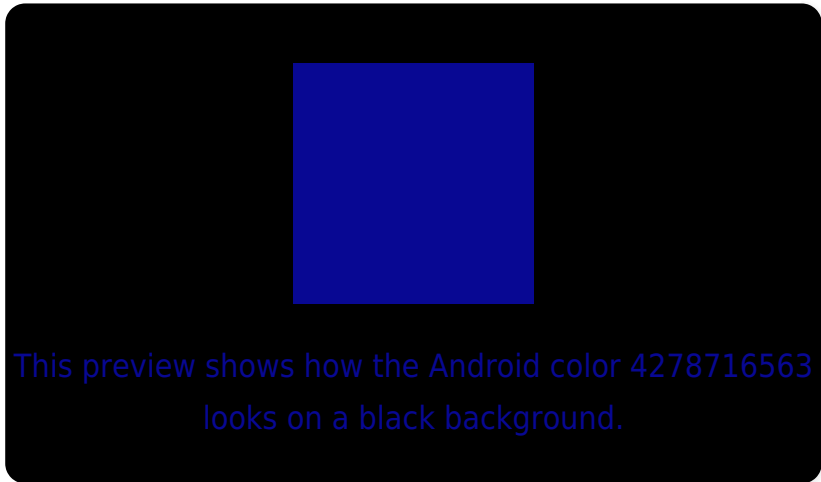
Large Text (above 18pt) WCAG AA ✓ Pass

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

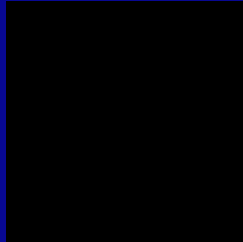
Any Text WCAG AA × Fail

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 4278716563 Background



This preview shows how black text looks on a background with the Android color 4278716563.



This preview shows how white text looks on a background with the Android color 4278716563.

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

4278716563

Protanopia

4278201179

Deuteranopia

4278201933

Trichromacy



Original Color

4278716563

Protanomaly

4278394479

Deuteranomaly

4278394982

Tritanomaly

4278395735

Monochromacy



Original Color

4278716563

Achromatopsia

4279769112

Achromatomaly

4279374405

CSS Examples

Text

The CSS property to change the color of the text to Android 4278716563 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(8, 8, 147)` looks like.

```
.text, #text, p{  
    color:rgb(8, 8, 147)  
}
```

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(8, 8, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 8, 147) }
```

Border

The CSS property to change the border of an element to Android 4278716563 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(8, 8, 147) }
```

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

```
.border{ border-color:rgb(8, 8, 147) }
```

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

Here you see how a box with a 4 pixel rgb(8, 8, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 8, 147); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 8, 147); box-shadow:4px  
4px 4px 4px rgb(8, 8, 147) }
```

Background

The CSS property to change the background color of an element to Android 4278716563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 8, 147) }
```

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

```
.background{ background-color: rgb(8, 8,  
147) }
```

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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