

# Converting Colors

Android(4278260632)

Have a look what the booklet for  
Android(4278260632) contains.

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# Color

**Android(4278260632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	011398
RGB	1, 19, 152
RGB Percent	0%, 7%, 60%
CMY	0.9961, 0.9255, 0.4039
CMYK	0.99, 0.88, 0.00, 0.40
HSL	233°, 99%, 30%
HSV	233°, 99%, 60%
XYZ	5.9129, 2.7392, 29.9228
YIQ	28.7800, -53.4210, 37.5470

# Conversions

## Conversions Part 2

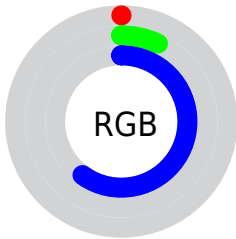
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 17, 152
Decimal	70552
CIE <sub>Lab</sub>	18.97, 47.40, -69.74
CIE <sub>LCh</sub>	19, 84.322, 304.200
Yxy	2.7392, 0.1533, 0.0710
Android (android.graphics.Color)	4278260632 (0xFF011398)
<b>YUV</b>	28.7800, 60.7475, -24.3631
Hunter-Lab	16.5505, 34.8080, -95.6092

# Details

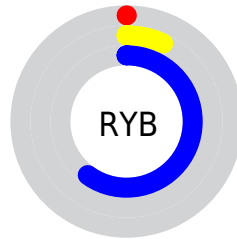
The Android color `4278260632` is a dark color, and the websafe version is hex `000099`. A complement of this color would be `4288185857`, and the grayscale version is `4280032284`.

A 20% lighter version of the original color is `4284040144`, and `4278190179` is the 20% darker color. If you saturate the color by 10%, you get `4278194840`, and if you desaturate by 10%, it is `4279247000`.

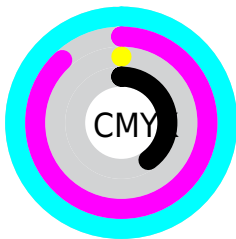
# Distribution



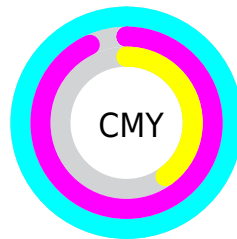
- Red (0%)
- Green (7%)
- Blue (60%)



- Red (0%)
- Yellow (7%)
- Blue (60%)



- Cyan (99%)
- Magenta (88%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (93%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278260632 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 4278260632 by changing the saturation by 10% instead.





4278260632



4278260632

4294967039



4278190205



4284040144



4278190179



4286077932



4278192458



4288050431



4278191155



4289957887



4278190621



4291930623



4278190080



4293969407



4294959615



4278260632



4278260632

■ 4278194840

■ 4279247000

■ 4280233624

■ 4281285528

■ 4282272152

■ 4283258520

■ 4284244888

■ 4285231512

■ 4286283416

■ 4287269784

# Harmonies

## Analogous

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



4278204591



4278260632



4285988965

# Triad

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



4278260632



4284549376



4278206774

# Complementary

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



4278260632



4288185857

# 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.



4278206208



4278260632



4281479168

# Square

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



4278260632



4286709760



4278205184



4278207348

# Rectangle

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



4278260632



4287234109



4278205184



4278206752



# Sweetspot

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



4278260632



4287205572



4278294660



4282401891



4293125091



4284703587



# Same Dimension

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



4278260632



4278196164



4281860504



4282730061



4278194572



4278190605



# Inverse Universe

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



4288151827



4291035159



4284585985



4283254086



4287365137

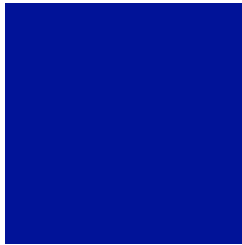


4279042050



# Previews

## White Background



This preview shows how the Android color 4278260632 looks on a white background.

## Color Contrast Check

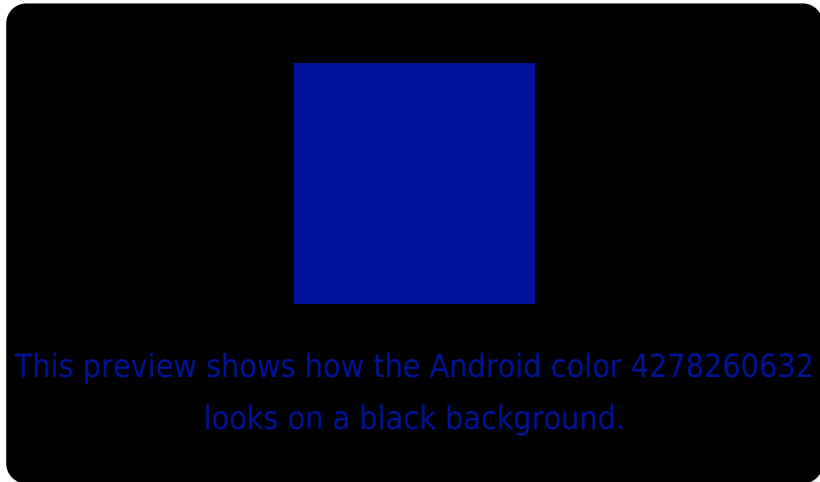
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278260632 Background



This preview shows how black text looks on a background with the Android color 4278260632.



This preview shows how white text looks on a background with the Android color 4278260632.

# 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**

4278260632

**Protanopia**

4278201953

**Deuteranopia**

4278202962



# Trichromacy



**Original Color**

4278260632

**Protanomaly**

4278199413

**Deuteranomaly**

4278200171

**Tritanomaly**

4278200667

# Monochromacy



**Original Color**

4278260632

**Achromatopsia**

4280098077

**Achromatomaly**

4279441738

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278260632 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(1, 19, 152)` looks like.

```
.text, #text, p{  
    color:rgb(1, 19, 152)  
}
```

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(1, 19, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 19, 152) }
```

## Border

The CSS property to change the border of an element to Android 4278260632 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(1, 19, 152) }
```

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

```
.border{ border-color:rgb(1, 19, 152) }
```

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

Here you see how a box with a 4 pixel rgb(1, 19, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 19, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 19, 152);  
box-shadow:4px 4px 4px 4px rgb(1, 19, 152)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278260632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 19, 152) }
```

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

```
.background{ background-color: rgb(1, 19,  
152) }
```

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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