

# Converting Colors

Android(4278196792)

Have a look what the booklet for  
Android(4278196792) contains.

<b>Android(4278196792)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278196792)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001A38
RGB	0, 26, 56
RGB Percent	0%, 10%, 22%
CMY	1.0000, 0.8980, 0.7804
CMYK	1.00, 0.54, 0.00, 0.78
HSL	212°, 100%, 11%
HSV	212°, 100%, 22%
XYZ	1.0832, 1.0243, 3.8820
YIQ	21.6460, -25.1260, 3.8180

# Conversions

## Conversions Part 2

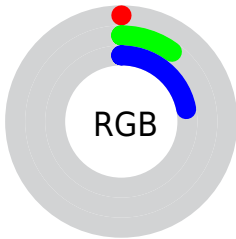
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 18, 56
Decimal	6712
CIELab	9.19, 3.93, -22.39
CIELCh	9, 22.733, 279.959
Yxy	1.0243, 0.1808, 0.1710
Android (android.graphics.Color)	4278196792 (0xFF001A38)
YUV	21.6460, 16.9365, -18.9835
Hunter-Lab	10.1208, 1.3929, -15.6570

# Details

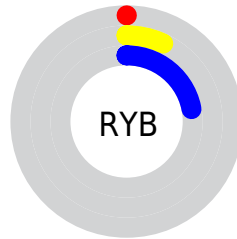
The Android color **4278196792** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4281867776**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4281615719**, and **4278190089** is the 20% darker color. If you saturate the color by 10%, you get **4278196792**, and if you desaturate by 10%, it is **4278590776**.

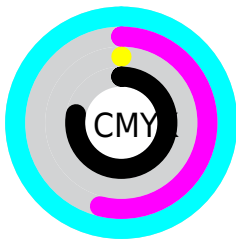
# Distribution



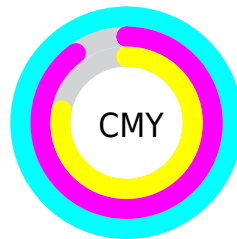
- Red (0%)
- Green (10%)
- Blue (22%)



- Red (0%)
- Yellow (7%)
- Blue (22%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (90%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278196792 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 4278196792 by changing the saturation by 10% instead.



 4278196792

 4278196792

 4293786879

 4278190627

 4281615719

 4278190089

 4283194497

 4278190080

 4284839323

 4286549686

 4288325841

 4290102509

 4291944703

 4278196792

■ 4278590776

■ 4278919224

■ 4279313208

■ 4279641656

■ 4280035640

■ 4280429624

■ 4280758072

■ 4281152056

■ 4281480504

# Harmonies

## Analogous

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



4278197814



4278196792



4280357681

# Triad

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



4278196792



4281536000



4278198541

# Complementary

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



4278196792



4281867776

# 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.



4279049728



4278196792



4280947968

# Square

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



4278196792



4281666069



4280097536



4278198815

# Rectangle

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



4278196792



4281077545



4280097536



4278198277



# Sweetspot

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



4278196792



4281613898



4278204446



4279770918



4289111718



4280690214



# Same Dimension

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



4278196792



4278198858



4278321208



4279835420



4278201180



4278216411



# Inverse Universe

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



4281860122



4283039778



4281743360



4280031515



4284219435



4292542566



# Previews

## White Background



This preview shows how the Android color 4278196792 looks on a white background.

## Color Contrast Check

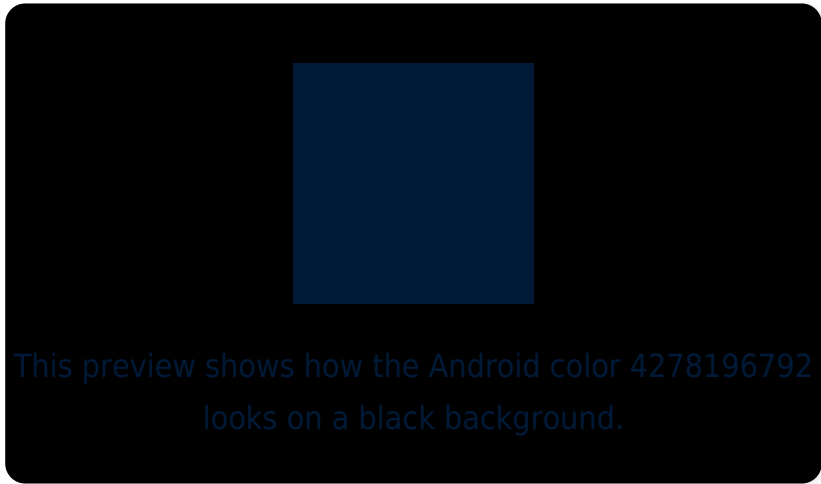
Large Text (above 18pt) WCAG AA ✓ Pass

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

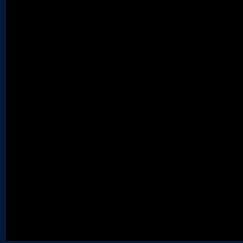
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278196792 Background



This preview shows how black text looks on a background with the Android color 4278196792.



This preview shows how white text looks on a background with the Android color 4278196792.

# 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**  
4278196792

**Protanopia**  
4278196792

**Deuteranopia**  
4278197296



# Trichromacy



**Original Color**  
4278196792

**Protanomaly**  
4278196792

**Deuteranomaly**  
4278197043

**Tritanomaly**  
4278197545

# Monochromacy



**Original Color**  
4278196792

**Achromatopsia**  
4279637526

**Achromatomaly**  
4279113506

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278196792 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, 26, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 26, 56)  
}
```

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, 26, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 26, 56) }
```

## Border

The CSS property to change the border of an element to Android 4278196792 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, 26, 56) }
```

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

```
.border{ border-color:rgb(0, 26, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 26, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 26, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 26, 56); box-shadow:4px  
4px 4px 4px rgb(0, 26, 56) }
```

# Background

The CSS property to change the background color of an element to Android 4278196792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 26, 56) }
```

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

```
.background{ background-color: rgb(0, 26,  
56) }
```

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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