

# Converting Colors

Android(4278727789)

Have a look what the booklet for  
Android(4278727789) contains.

<b>Android(4278727789)</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(4278727789)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	08346D
RGB	8, 52, 109
RGB Percent	3%, 20%, 43%
CMY	0.9686, 0.7961, 0.5725
CMYK	0.93, 0.52, 0.00, 0.57
HSL	214°, 86%, 23%
HSV	214°, 93%, 43%
XYZ	4.0884, 3.6117, 14.9496
YIQ	45.3420, -44.5210, 8.3990

# Conversions

## Conversions Part 2

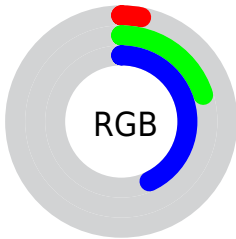
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 39, 109
Decimal	537709
CIELab	22.34, 9.91, -37.07
CIELCh	22, 38.371, 284.975
Yxy	3.6117, 0.1805, 0.1595
Android (android.graphics.Color)	4278727789 (0xFF08346D)
YUV	45.3420, 31.3834, -32.7489
Hunter-Lab	19.0046, 5.1427, -33.3364

# Details

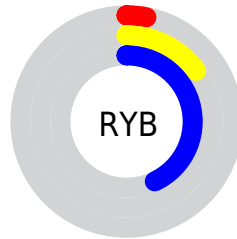
The Android color **4278727789** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285350152**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4282999457**, and **4278191677** is the 20% darker color. If you saturate the color by 10%, you get **4278202221**, and if you desaturate by 10%, it is **4279450221**.

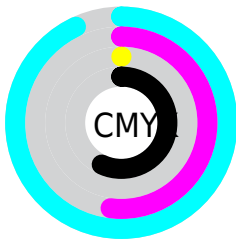
# Distribution



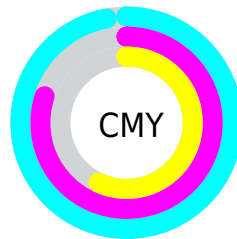
- Red (3%)
- Green (20%)
- Blue (43%)



- Red (3%)
- Yellow (15%)
- Blue (43%)



- Cyan (93%)
- Magenta (52%)
- Yellow (0%)
- Black (57%)



- Cyan (97%)
- Magenta (80%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278727789 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 4278727789 by changing the saturation by 10% instead.



■ 4278727789

■ 4278727789

4294967295

■ 4278198100

■ 4282999457

■ 4278191677

■ 4284840892

■ 4278190886

■ 4286616792

■ 4278190351

■ 4288393205

■ 4278190080

■ 4290235135

■ 4292142847

■ 4294049791

■ 4278727789

■ 4278727789

■ 4278202221

■ 4279450221

■ 4280172653

■ 4280895085

■ 4281617773

■ 4282340205

■ 4282997101

■ 4283719533

■ 4284441965

■ 4285164397

# Harmonies

## Analogous

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



4278205805



4278727789



4282918750

# Triad

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



4278727789



4284489997



4278206758

# Complementary

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



4278727789



4285350152

# 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.



4279320071



4278727789



4283313920

# Square

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



4278727789



4284945704



4281743360



4278207043

# Rectangle

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



4278727789



4284161102



4281743360



4278206748



# Sweetspot

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



4278727789



4284971151



4278742336



4281285191



4291282887



4282861383



# Same Dimension

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



4278727789



4278206095



4279044205



4281348918



4278203253



4278217717



# Inverse Universe

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



4285335604



4287561790



4285033736



4281741363



4285857843



4294246507



# Previews

## White Background



This preview shows how the Android color 4278727789 looks on a white background.

## Color Contrast Check

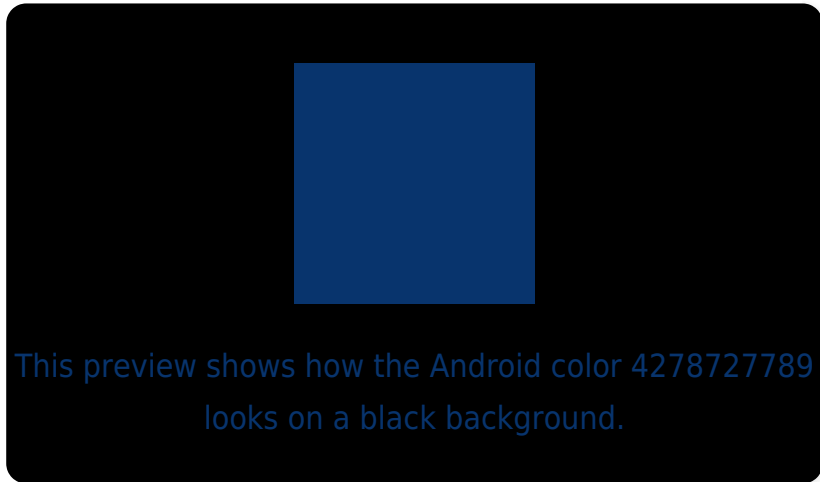
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278727789 Background



This preview shows how black text looks on a background with the Android color 4278727789.



This preview shows how white text looks on a background with the Android color 4278727789.

# 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**

4278727789

**Protanopia**

4278989933

**Deuteranopia**

4278204255



# Trichromacy



**Original Color**

4278727789

**Protanomaly**

4278924397

**Deuteranomaly**

4278400612

**Tritanomaly**

4278401360

# Monochromacy



**Original Color**

4278727789

**Achromatopsia**

4281150765

**Achromatomaly**

4280299588

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278727789 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, 52, 109)` looks like.

```
.text, #text, p{  
    color:rgb(8, 52, 109)  
}
```

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, 52, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 52, 109) }
```

## Border

The CSS property to change the border of an element to Android 4278727789 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, 52, 109) }
```

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

```
.border{ border-color:rgb(8, 52, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 52, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 52, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 52, 109);  
box-shadow:4px 4px 4px 4px rgb(8, 52, 109)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278727789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 52, 109) }
```

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

```
.background{ background-color: rgb(8, 52,  
109) }
```

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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