

# Converting Colors

Android(4278210709)

Have a look what the booklet for  
Android(4278210709) contains.

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# Color

**Android(4278210709)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005095
RGB	0, 80, 149
RGB Percent	0%, 31%, 58%
CMY	1.0000, 0.6863, 0.4157
CMYK	1.00, 0.46, 0.00, 0.42
HSL	208°, 100%, 29%
HSV	208°, 100%, 58%
XYZ	8.2935, 7.9072, 29.5229
YIQ	63.9460, -69.8290, 4.4990

# Conversions

## Conversions Part 2

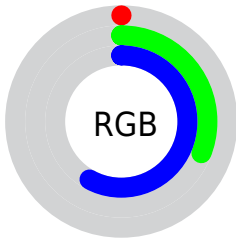
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 52, 149</a>
Decimal	<a href="#">20629</a>
CIELab	<a href="#">33.79, 7.16, -43.61</a>
CIELCh	<a href="#">34, 44.190, 279.328</a>
Yxy	<a href="#">7.9072, 0.1814, 0.1729</a>
Android (android.graphics.Color)	<a href="#">4278210709 (0xFF005095)</a>
YUV	<a href="#">63.9460, 41.9316, -56.0806</a>
Hunter-Lab	<a href="#">28.1198, 3.4359, -42.5645</a>

# Details

The Android color `4278210709` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287972608`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4283662796`, and `4278199649` is the 20% darker color. If you saturate the color by 10%, you get `4278210709`, and if you desaturate by 10%, it is `4279195541`.

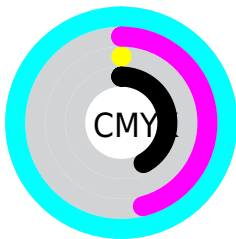
# Distribution



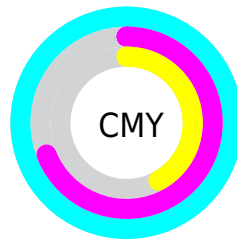
- Red (0%)
- Green (31%)
- Blue (58%)



- Red (0%)
- Yellow (20%)
- Blue (58%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (69%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278210709 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 4278210709 by changing the saturation by 10% instead.



 4278210709

 4278210709

4294967295

 4278205051

 4283662796

 4278199649

 4285569768

 4278193993

 4287477247

 4278191154

 4289384959

 4278190620

 4291292671

 4278190080

 4293263359

 4278210709

 4279195541

■ 4280180373

■ 4281165205

■ 4282150037

■ 4283134869

■ 4284053909

■ 4285038741

■ 4286023573

■ 4287008405

# Harmonies

## Analogous

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



4278213265



4278210709



4284367238

# Triad

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



4278210709



4287116581



4278214197

# Complementary

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



4278210709



4287972608

# 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.



4281358867



4278210709



4285809926

# Square

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



4278210709



4287507270



4283846912



4278214746

# Rectangle

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



4278210709



4286068340



4283846912



4278213930



# Sweetspot

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



4278210709



4287145922



4278228291



4282274145



4292927712



4284572001



# Same Dimension

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



4278210709



4278216898



4278192021



4282599242



4278209162



4278191370



# Inverse Universe

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



4287955024



4290904168



4287991296



4283056967



4287234122



4278845445



# Previews

## White Background



This preview shows how the Android color 4278210709 looks on a white background.

## Color Contrast Check

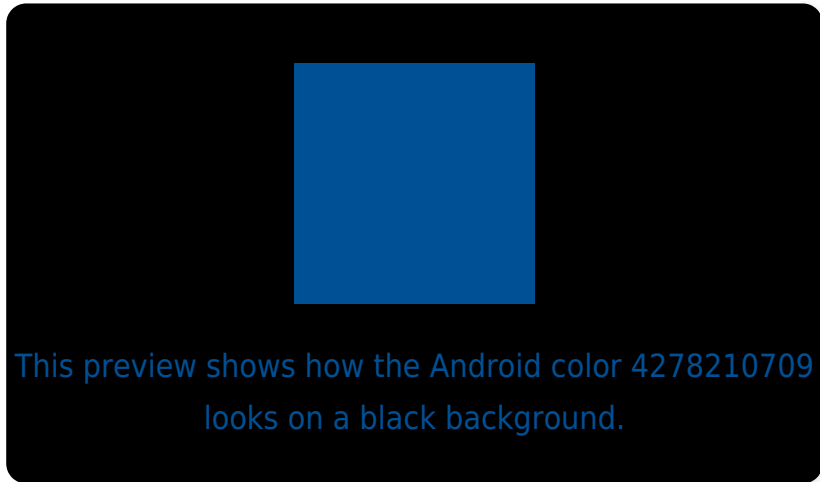
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278210709 Background



This preview shows how black text looks on a background with the Android color 4278210709.



This preview shows how white text looks on a background with the Android color 4278210709.

# 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**  
4278210709

**Protanopia**  
4281159058

**Deuteranopia**  
4278210959



# Trichromacy



**Original Color**

4278210709

**Protanomaly**

4280110739

**Deuteranomaly**

4278210961

**Tritanomaly**

4278212210

# Monochromacy



**Original Color**

4278210709

**Achromatopsia**

4282400832

**Achromatomaly**

4280895071

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278210709 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, 80, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 149)  
}
```

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, 80, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 149) }
```

## Border

The CSS property to change the border of an element to Android 4278210709 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, 80, 149) }
```

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

```
.border{ border-color:rgb(0, 80, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 80, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 80, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 80, 149)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278210709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 149) }
```

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

```
.background{ background-color: rgb(0, 80,  
149) }
```

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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