

# Converting Colors

Android(4278210963)

Have a look what the booklet for  
Android(4278210963) contains.

<b>Android(4278210963)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278210963)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005193
RGB	0, 81, 147
RGB Percent	0%, 32%, 58%
CMY	1.0000, 0.6824, 0.4235
CMYK	1.00, 0.45, 0.00, 0.42
HSL	207°, 100%, 29%
HSV	207°, 100%, 58%
XYZ	8.2089, 7.9914, 28.7136
YIQ	64.3050, -69.4620, 3.3540

# Conversions

## Conversions Part 2

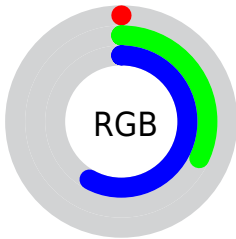
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 52, 147
Decimal	20883
CIELab	33.97, 5.65, -42.11
CIELCh	34, 42.485, 277.638
Yxy	7.9914, 0.1828, 0.1779
Android (android.graphics.Color)	4278210963 (0xFF005193)
YUV	64.3050, 40.7686, -56.3955
Hunter-Lab	28.2691, 2.3624, -40.4338

# Details

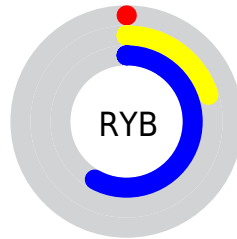
The Android color **4278210963** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4287840768**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4283597514**, and **4278199904** is the 20% darker color. If you saturate the color by 10%, you get **4278210963**, and if you desaturate by 10%, it is **4279195795**.

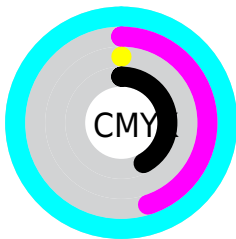
# Distribution



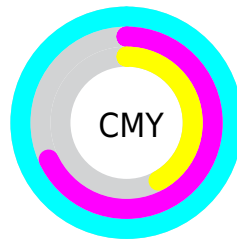
- Red (0%)
- Green (32%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (68%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278210963 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 4278210963 by changing the saturation by 10% instead.



 4278210963

 4278210963

4294967295

 4278205049

 4283597514

 4278199904

 4285504742

 4278194247

 4287411967

 4278191152

 4289319679

 4278190363

 4291227391

 4278190080

 4293197823

 4278210963

 4279195795

■ 4280114835

■ 4281099667

■ 4282084243

■ 4283069075

■ 4283988371

■ 4284972947

■ 4285957779

■ 4286876819

# Harmonies

## Analogous

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



4278213262



4278210963



4284236678

# Triad

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



4278210963



4287051304



4278214197

# Complementary

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



4278210963



4287840768

# 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.



4281620757



4278210963



4285809932

# Square

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



4278210963



4287376969



4283977984



4278214744

# Rectangle

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



4278210963



4285938036



4283977984



4278738218



# Sweetspot

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



4278210963



4287014335



4278227776



4282274145



4292927712



4284572001



# Same Dimension

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



4278210963



4278217151



4278192787



4282599242



4278209674



4278191626



# Inverse Universe

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



4287823953



4290707561



4287858944



4283056967



4287234124



4278845446



# Previews

## White Background



This preview shows how the Android color 4278210963 looks on a white background.

## Color Contrast Check

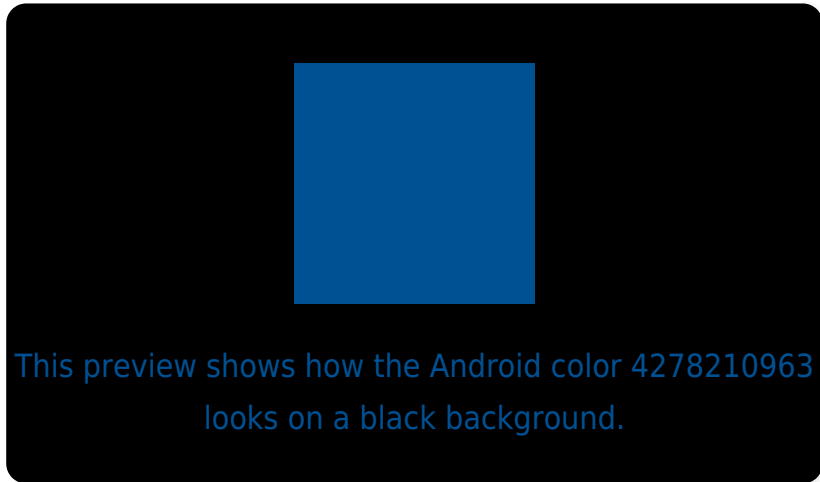
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278210963 Background



This preview shows how black text looks on a background with the Android color 4278210963.



This preview shows how white text looks on a background with the Android color 4278210963.

# 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





# Trichromacy



**Original Color**  
4278210963

**Protanomaly**  
4280242065

**Deuteranomaly**  
4278211217

**Tritanomaly**  
4278212210

# Monochromacy



**Original Color**  
4278210963

**Achromatopsia**  
4282400832

**Achromatomaly**  
4280895070

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278210963 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, 81, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 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(0, 81, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 147) }
```

## Border

The CSS property to change the border of an element to Android 4278210963 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, 81, 147) }
```

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

```
.border{ border-color:rgb(0, 81, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 81, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 81, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 81, 147)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278210963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 147) }
```

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

```
.background{ background-color: rgb(0, 81,  
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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