

# Converting Colors

Android(4278205595)

Have a look what the booklet for  
Android(4278205595) contains.

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# Color

**Android(4278205595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003C9B
RGB	0, 60, 155
RGB Percent	0%, 24%, 61%
CMY	1.0000, 0.7647, 0.3922
CMYK	1.00, 0.61, 0.00, 0.39
HSL	217°, 100%, 30%
HSV	217°, 100%, 61%
XYZ	7.5323, 5.5983, 31.6939
YIQ	52.8900, -66.2550, 16.8250

# Conversions

## Conversions Part 2

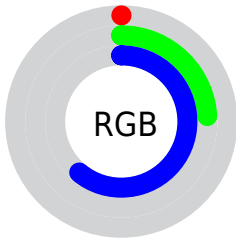
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 43, 155
Decimal	15515
CIELab	28.38, 23.49, -56.04
CIELCh	28, 60.762, 292.745
Yxy	5.5983, 0.1680, 0.1249
Android (android.graphics.Color)	4278205595 (0xFF003C9B)
YUV	52.8900, 50.3402, -46.3845
Hunter-Lab	23.6607, 15.4184, -62.8576

# Details

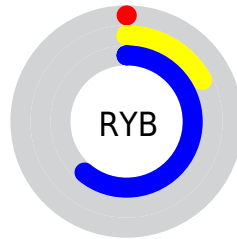
The Android color `4278205595` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288372480`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4283853778`, and `4278195303` is the 20% darker color. If you saturate the color by 10%, you get `4278205595`, and if you desaturate by 10%, it is `4279190939`.

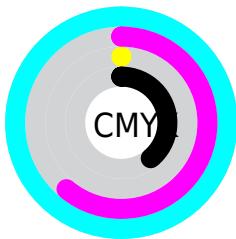
# Distribution



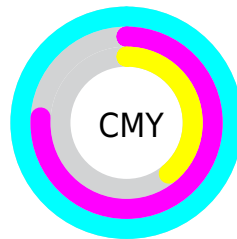
- Red (0%)
- Green (24%)
- Blue (61%)



- Red (0%)
- Yellow (17%)
- Blue (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (76%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278205595 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 4278205595 by changing the saturation by 10% instead.



 4278205595

 4278205595

4294967295

 4278200192

 4283853778

 4278195303

 4285826287


 4278190158

 4287733503

 4278191414

 4289640959

 4278190624

 4291613951

 4278190084

 4293587199

 4278190080

 4278205595

 4279190939

■ 4280242075

■ 4281292955

■ 4282278555

■ 4283329435

■ 4284315035

■ 4285300379

■ 4286351515

■ 4287337115

# Harmonies

## Analogous

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



4278209954



4278205595



4285340797

# Triad

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



4278205595



4286391296



4278211894

# Complementary

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



4278205595



4288372480

# 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.



4278211072



4278205595



4284235008

# Square

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



4278205595



4287561763



4281420544



4278212198

# Rectangle

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



4278205595



4286972000



4281420544



4278211621



# Sweetspot

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



4278205595



4287472841



4278229853



4282470246



4293322470



4284900966



# Same Dimension

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



4278205595



4278210249



4279173275



4282730573



4278204044



4278191373



# Inverse Universe

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



4288348220



4291362894



4287404800



4283254088



4287365174



4279042053



# Previews

## White Background



This preview shows how the Android color 4278205595 looks on a white background.

## Color Contrast Check

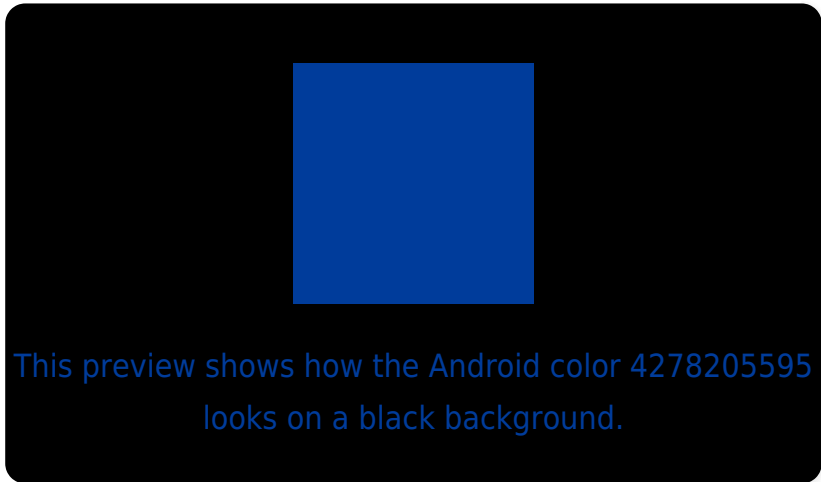
Large Text (above 18pt) WCAG AA ✓ Pass

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

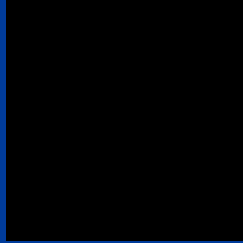
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278205595 Background



This preview shows how black text looks on a background with the Android color 4278205595.



This preview shows how white text looks on a background with the Android color 4278205595.

# 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**  
4278205595

**Protanomaly**  
4278206352

**Tritanomaly**  
4278208107

# Monochromacy



**Original Color**  
4278205595

**Achromatopsia**  
4281677109

**Achromatomaly**  
4280432730

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278205595 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, 60, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 155)  
}
```

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, 60, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 155) }
```

## Border

The CSS property to change the border of an element to Android 4278205595 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, 60, 155) }
```

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

```
.border{ border-color:rgb(0, 60, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 60, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 60, 155)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278205595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 155) }
```

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

```
.background{ background-color: rgb(0, 60,  
155) }
```

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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