

# Converting Colors

Android(4291559506)

Have a look what the booklet for  
Android(4291559506) contains.

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# Color

**Android(4291559506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0052
RGB	204, 0, 82
RGB Percent	80%, 0%, 32%
CMY	0.2000, 1.0000, 0.6784
CMYK	0.00, 1.00, 0.60, 0.20
HSL	336°, 100%, 40%
HSV	336°, 100%, 80%
XYZ	26.4248, 13.4466, 9.1853
YIQ	70.3440, 95.2620, 68.7500

# Conversions

## Conversions Part 2

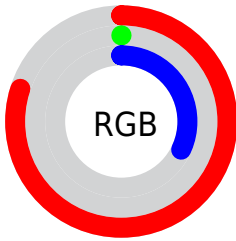
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 0, 82
Decimal	13369426
CIELab	43.43, 70.18, 14.75
CIElCh	43, 71.709, 11.868
Yxy	13.4466, 0.5387, 0.2741
Android (android.graphics.Color)	4291559506 (0xFFCC0052)
YUV	70.3440, 5.7464, 117.2163
Hunter-Lab	36.6696, 64.4590, 10.8172

# Details

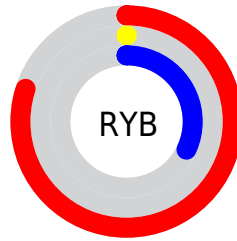
The Android color **4291559506** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **4278242426**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4294924163**, and **4287496230** is the 20% darker color. If you saturate the color by 10%, you get **4291559506**, and if you desaturate by 10%, it is **4291564638**.

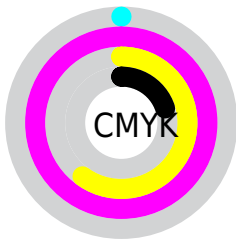
# Distribution



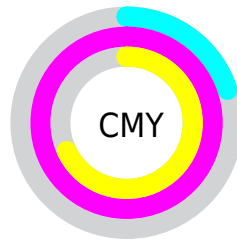
- Red (80%)
- Green (0%)
- Blue (32%)



- Red (80%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291559506 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 4291559506 by changing the saturation by 10% instead.



 4291559506

 4291559506

4294967295

 4289527867

 4294924163

 4287496230

 4294931869

 4285464594

 4294939320

 4283564035


 4294947027


 4281532418


 4294954479


 4278190080

 4294962175


 4291559506


 4291564638

 4291570026

 4291575159


 4291580547

 4291585679

 4291590811

 4291596199

 4291601332

 4291606720

# Harmonies

## Analogous

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



4290518157



4291559506



4290655255

# Triad

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



4291559506



4279662592



4278220761

# Complementary

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



4291559506



4278242426

# 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.



4278222517



4291559506



4278222143

# Square

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



4291559506



4285033472



4278222718



4278216669

# Rectangle

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



4291559506



4289219584



4278222718



4278221776



# Sweetspot

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



4291559506



4294947793



4285989068



4286599780



4278190080



4286611584



# Same Dimension

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



4291559506



4294901863



4291563776



4284898400



4289069123



4280680463



# Inverse Universe

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



4291559506



4294901863



4278238156



4284898400



4289069123



4280680463



# Previews

## White Background



This preview shows how the Android color 4291559506 looks on a white background.

## Color Contrast Check

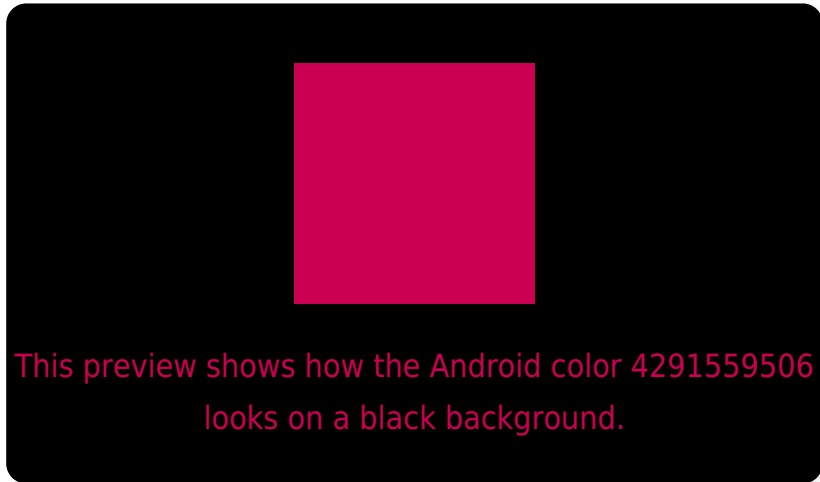
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4291559506 Background



This preview shows how black text looks on a background with the Android color 4291559506.



This preview shows how white text looks on a background with the Android color 4291559506.

# 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**  
4291559506

**Protanopia**  
4284901496

**Deuteranopia**  
4286407753



# Trichromacy



**Original Color**  
4291559506

**Protanomaly**  
4287316586

**Deuteranomaly**  
4288299084

**Tritanomaly**  
4291499314

# Monochromacy



**Original Color**  
4291559506

**Achromatopsia**  
4282795590

**Achromatomaly**  
4286000458

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291559506 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(204, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 82)  
}
```

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(204, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 82) }
```

## Border

The CSS property to change the border of an element to Android 4291559506 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(204, 0, 82) }
```

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

```
.border{ border-color:rgb(204, 0, 82) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 82)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291559506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 82) }
```

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

```
.background{ background-color: rgb(204, 0,  
82) }
```

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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