

Converting Colors

Android(4291566926)

Have a look what the booklet for
Android(4291566926) contains.

Android(4291566926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291566926)

Conversions

Conversions Part 1

Format	Color
Hex	CC1D4E
RGB	204, 29, 78
RGB Percent	80%, 11%, 31%
CMY	0.2000, 0.8863, 0.6941
CMYK	0.00, 0.86, 0.62, 0.20
HSL	343°, 75%, 46%
HSV	343°, 86%, 80%
XYZ	26.7164, 14.2662, 8.5533
YIQ	86.9110, 88.5710, 52.3390

Conversions

Conversions Part 2

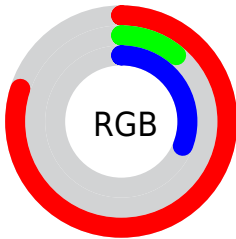
Format	Color
R_{YB}	204, 29, 78
Decimal	13376846
CIE _{Lab}	44.61, 66.27, 18.85
CIE _{LCh}	45, 68.898, 15.877
Yxy	14.2662, 0.5393, 0.2880
Android (android.graphics.Color)	4291566926 (0xFFCC1D4E)
YUV	86.9110, -4.3931, 102.6871
Hunter-Lab	37.7706, 60.1604, 13.0130

Details

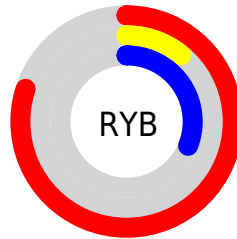
The Android color **4291566926** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **4280143003**, and the grayscale version is **4283914071**.

A 20% lighter version of the original color is **4294926463**, and **4287496227** is the 20% darker color. If you saturate the color by 10%, you get **4291561791**, and if you desaturate by 10%, it is **4291572061**.

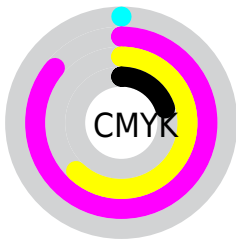
Distribution



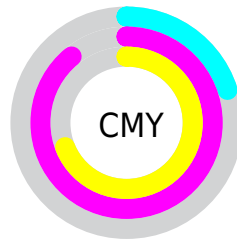
- Red (80%)
- Green (11%)
- Blue (31%)



- Red (80%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (86%)
- Yellow (62%)
- Black (20%)



- Cyan (20%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291566926 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 4291566926 by changing the saturation by 10% instead.

 4291566926

 4291566926

4294967295

 4289527863

 4294926463

 4287496227


 4294933912

 4285530126

 4294941363

 4283564034


 4294948815


 4281597954


 4294956523


 4278190080

 4294963967

 4291566926

 4291566926

 4291561791

 4291572061

■ 4291559481

■ 4291577451

■ 4291582586

■ 4291587977

■ 4291593111

■ 4291598246

■ 4291603637

■ 4291608772

■ 4291614162

Harmonies

Analogous

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



4290782343



4291566926



4290461717

Triad

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



4291566926



4278745859



4278221018

Complementary

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



4291566926



4280143003

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.



4278223036



4291566926



4278222923

Square

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



4291566926



4284772352



4278223495



4278216409

Rectangle

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



4291566926



4288959488



4278223495



4278222035

Sweetspot

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



4291566926



4294950351



4288290252



4286601315



4278190080



4286611584

Same Dimension

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



4291566926



4294901831



4291576605



4284898399



4289069102



4280680459

Inverse Universe

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



4291566926



4294901831



4280133324



4284898399



4289069102



4280680459

Previews

White Background



This preview shows how the Android color 4291566926 looks on a white background.

Color Contrast Check

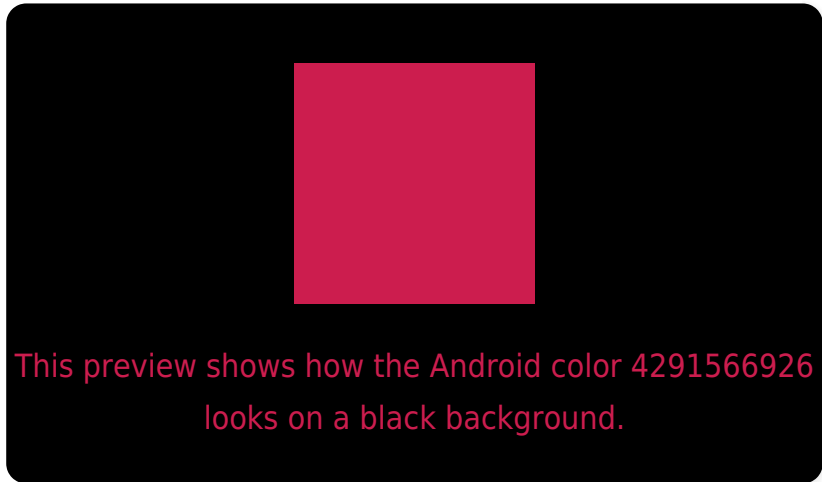
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291566926 Background



This preview shows how black text looks on a background with the Android color 4291566926.



This preview shows how white text looks on a background with the Android color 4291566926.

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

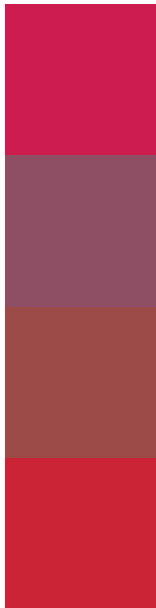


Original Color
4291566926

Protanopia
4285229679

Deuteranopia
4286604870

Trichromacy



Original Color
4291566926

Protanomaly
4287516259

Deuteranomaly
4288432969

Tritanomaly
4291503158

Monochromacy



Original Color
4291566926

Achromatopsia
4283914071

Achromatomaly
4286726740

CSS Examples

Text

The CSS property to change the color of the text to Android 4291566926 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, 29, 78)` looks like.

```
.text, #text, p{  
    color:rgb(204, 29, 78)  
}
```

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, 29, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 29, 78) }
```

Border

The CSS property to change the border of an element to Android 4291566926 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, 29, 78) }
```

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

```
.border{ border-color:rgb(204, 29, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 29, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 29, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 29, 78);  
box-shadow:4px 4px 4px 4px rgb(204, 29,  
78) }
```

Background

The CSS property to change the background color of an element to Android 4291566926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 29, 78) }
```

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

```
.background{ background-color: rgb(204, 29,  
78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor