

Converting Colors

Android(4292946006)

Have a look what the booklet for
Android(4292946006) contains.

Android(4292946006)	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(4292946006)

Conversions

Conversions Part 1

Format	Color
Hex	E12856
RGB	225, 40, 86
RGB Percent	88%, 16%, 34%
CMY	0.1176, 0.8431, 0.6627
CMYK	0.00, 0.82, 0.62, 0.12
HSL	345°, 76%, 52%
HSV	345°, 82%, 88%
XYZ	33.4898, 18.1970, 10.5514
YIQ	100.5590, 95.4940, 53.5260

Conversions

Conversions Part 2

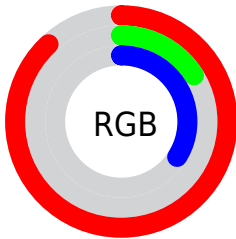
Format	Color
RYB	225, 40, 86
Decimal	14755926
CIELab	49.73, 69.81, 21.47
CIElCh	50, 73.042, 17.095
Yxy	18.1970, 0.5381, 0.2924
Android (android.graphics.Color)	4292946006 (0xFFE12856)
YUV	100.5590, -7.1776, 109.1348
Hunter-Lab	42.6580, 65.4850, 15.1953

Details

The Android color **4292946006** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **4280869299**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294929031**, and **4288806954** is the 20% darker color. If you saturate the color by 10%, you get **4292940357**, and if you desaturate by 10%, it is **4292951911**.

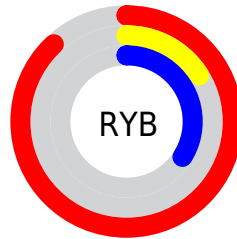
Distribution



Red (88%)

Green (16%)

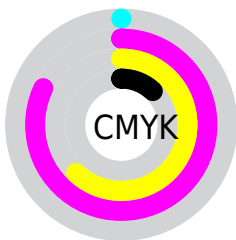
Blue (34%)



Red (88%)

Yellow (16%)

Blue (34%)

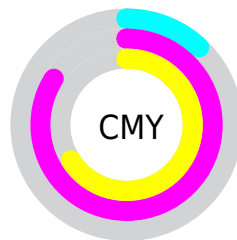


Cyan (0%)

Magenta (82%)

Yellow (62%)

Black (12%)



Cyan (12%)

Magenta (84%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292946006 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 4292946006 by changing the saturation by 10% instead.



4292946006



4292946006

4294967295



4290838591



4294929031



4288806954



4294936481



4286775318



4294944188



4284743681



4294951640



4282908676



4294959349



4280745985

4294967039



4278190080



4292946006



4292946006



4292940357



4292951911

■ 4292935736

■ 4292957560

■ 4292963465

■ 4292969114

■ 4292975019

■ 4292980667

■ 4292986572

■ 4292992221

■ 4292998126

Harmonies

Analogous

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



4292226196



4292946006



4291709720

Triad

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



4292946006



4278618640



4278224624

Complementary

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



4292946006



4280869299

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.



4278226897



4292946006



4278226776

Square

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



4292946006



4285431296



4278227353



4278481646

Rectangle

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



4292946006



4290076928



4278227353



4278225641

Sweetspot

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



4292946006



4294950863



4289931489



4286601571



4278190080



4286611584

Same Dimension

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



4292946006



4294902593



4292957736



4285556072



4289724460



4281335820

Inverse Universe

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



4292946006



4294902593



4280857569



4285556072



4289724460



4281335820

Previews

White Background



This preview shows how the Android color 4292946006 looks on a white background.

Color Contrast Check

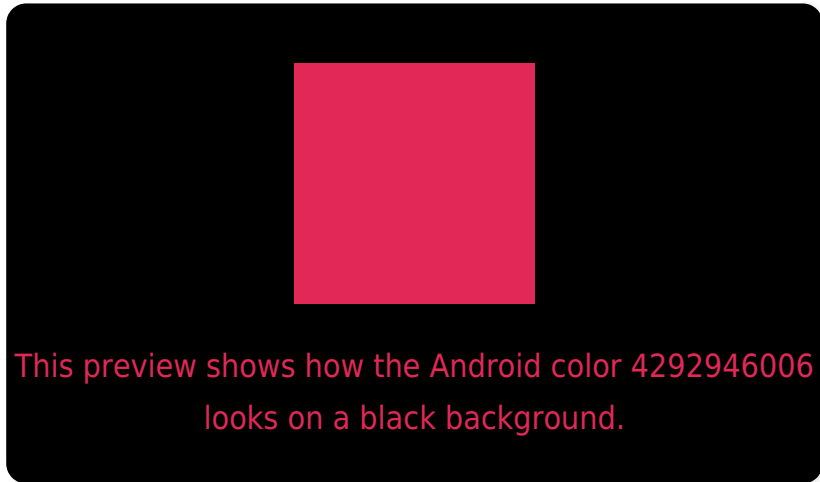
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4292946006 Background



This preview shows how black text looks on a background with the Android color 4292946006.



This preview shows how white text looks on a background with the Android color 4292946006.

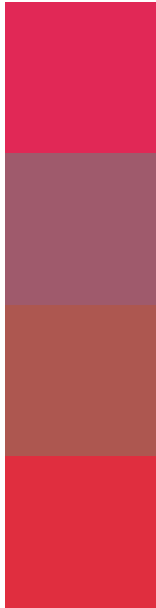
Color Blindness Simulation

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
4292946006

Protanomaly
4288633452

Deuteranomaly
4289550160

Tritanomaly
4292881983

Monochromacy



Original Color
4292946006

Achromatopsia
4284835173

Achromatomaly
4287778656

CSS Examples

Text

The CSS property to change the color of the text to Android 4292946006 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(225, 40, 86)` looks like.

```
.text, #text, p{  
  color:rgb(225, 40, 86)  
}
```

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(225, 40, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 40, 86) }
```

Border

The CSS property to change the border of an element to Android 4292946006 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(225, 40, 86) }
```

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

```
.border{ border-color:rgb(225, 40, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 40, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 40, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 40, 86);  
box-shadow:4px 4px 4px 4px rgb(225, 40,  
86) }
```

Background

The CSS property to change the background color of an element to Android 4292946006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 40, 86) }
```

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

```
.background{ background-color: rgb(225, 40,  
86) }
```

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