

Converting Colors

Android(4292100165)

Have a look what the booklet for
Android(4292100165) contains.

Android(4292100165)	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(4292100165)

Conversions

Conversions Part 1

Format	Color
Hex	D44045
RGB	212, 64, 69
RGB Percent	83%, 25%, 27%
CMY	0.1686, 0.7490, 0.7294
CMYK	0.00, 0.70, 0.67, 0.17
HSL	358°, 63%, 54%
HSV	358°, 70%, 83%
XYZ	30.0590, 18.0935, 7.5383
YIQ	108.8220, 86.6030, 32.9310

Conversions

Conversions Part 2

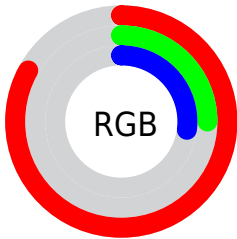
Format	Color
RYB	212, 64, 69
Decimal	13910085
CIELab	49.61, 57.86, 31.00
CIELCh	50, 65.636, 28.180
Yxy	18.0935, 0.5397, 0.3249
Android (android.graphics.Color)	4292100165 (0xFFD44045)
YUV	108.8220, -19.6322, 90.4871
Hunter-Lab	42.5365, 51.7005, 19.2681

Details

The Android color **4292100165** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4282438863**, and the grayscale version is **4285361517**.

A 20% lighter version of the original color is **4294932853**, and **4288020506** is the 20% darker color. If you saturate the color by 10%, you get **4292094769**, and if you desaturate by 10%, it is **4292105561**.

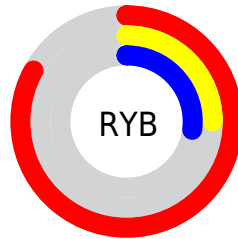
Distribution



Red (83%)

Green (25%)

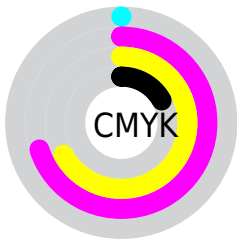
Blue (27%)



Red (83%)

Yellow (25%)

Blue (27%)

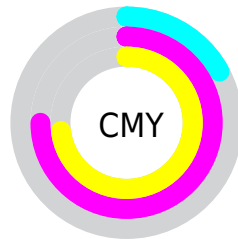


Cyan (0%)

Magenta (70%)

Yellow (67%)

Black (17%)



Cyan (17%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292100165 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 4292100165 by changing the saturation by 10% instead.

 4292100165

 4292100165

4294967295

 4290060335

 4294932853

 4288020506

 4294940047

 4286054401

 4294947242

 4284022784

 4294954693

 4282253315

 4294962145

 4279894017

4294967293

 4278190080

 4292100165

 4292100165

 4292094769

 4292105561

 4292089372

 4292110958

 4292083720

 4292116610

 4292083719

 4292122007

 4292127403

 4292132800

 4292138196

 4292143849

 4292149245

Harmonies

Analogous

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



4292097660



4292100165



4290468620

Triad

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



4292100165



4278225463



4278222566

Complementary

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



4292100165



4282438863

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.



4278225621



4292100165



4278226545

Square

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



4292100165



4284187136



4278226601



4285163993

Rectangle

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



4292100165



4288769024



4278226601



4278223844

Sweetspot

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



4292100165



4294953419



4291641556



4286603361



4278190080



4286611584

Same Dimension

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



4292100165



4294912304



4292117312



4285227105



4289396742



4281008129

Inverse Universe

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



4292100165



4294912304



4282421716



4285227105



4289396742



4281008129

Previews

White Background



This preview shows how the Android color 4292100165 looks on a white background.

Color Contrast Check

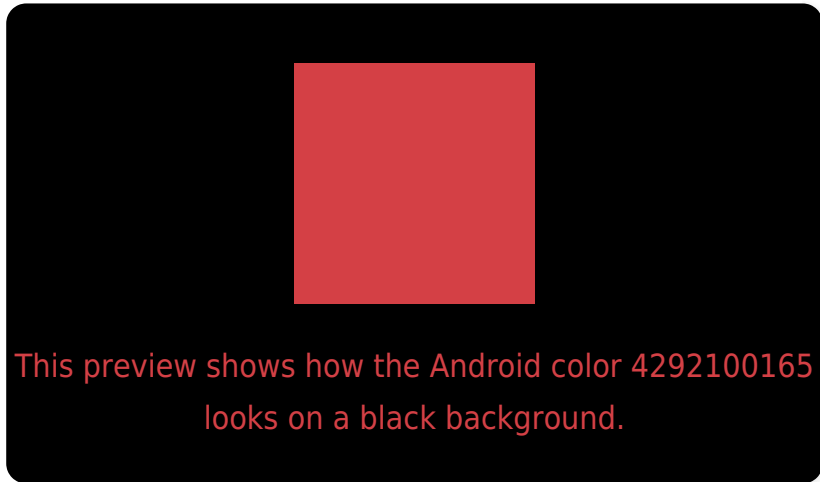
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292100165 Background



This preview shows how black text looks on a background with the Android color 4292100165.



This preview shows how white text looks on a background with the Android color 4292100165.

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
4292100165

Protanopia
4286543450

Deuteranopia
4287787325

Trichromacy



Original Color
4292100165

Protanomaly
4288569938

Deuteranomaly
4289355584

Tritanomaly
4292100164

Monochromacy



Original Color
4292100165

Achromatopsia
4285361517

Achromatomaly
4287782238

CSS Examples

Text

The CSS property to change the color of the text to Android 4292100165 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(212, 64, 69)` looks like.

```
.text, #text, p{  
    color:rgb(212, 64, 69)  
}
```

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(212, 64, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 64, 69) }
```

Border

The CSS property to change the border of an element to Android 4292100165 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(212, 64, 69) }
```

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

```
.border{ border-color:rgb(212, 64, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 64, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 64, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 64, 69);  
box-shadow:4px 4px 4px 4px rgb(212, 64,  
69) }
```

Background

The CSS property to change the background color of an element to Android 4292100165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 64, 69) }
```

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

```
.background{ background-color: rgb(212, 64,  
69) }
```

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